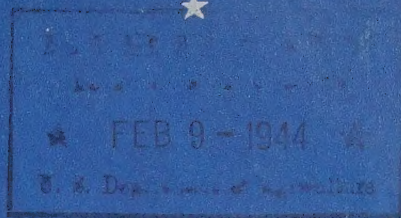


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

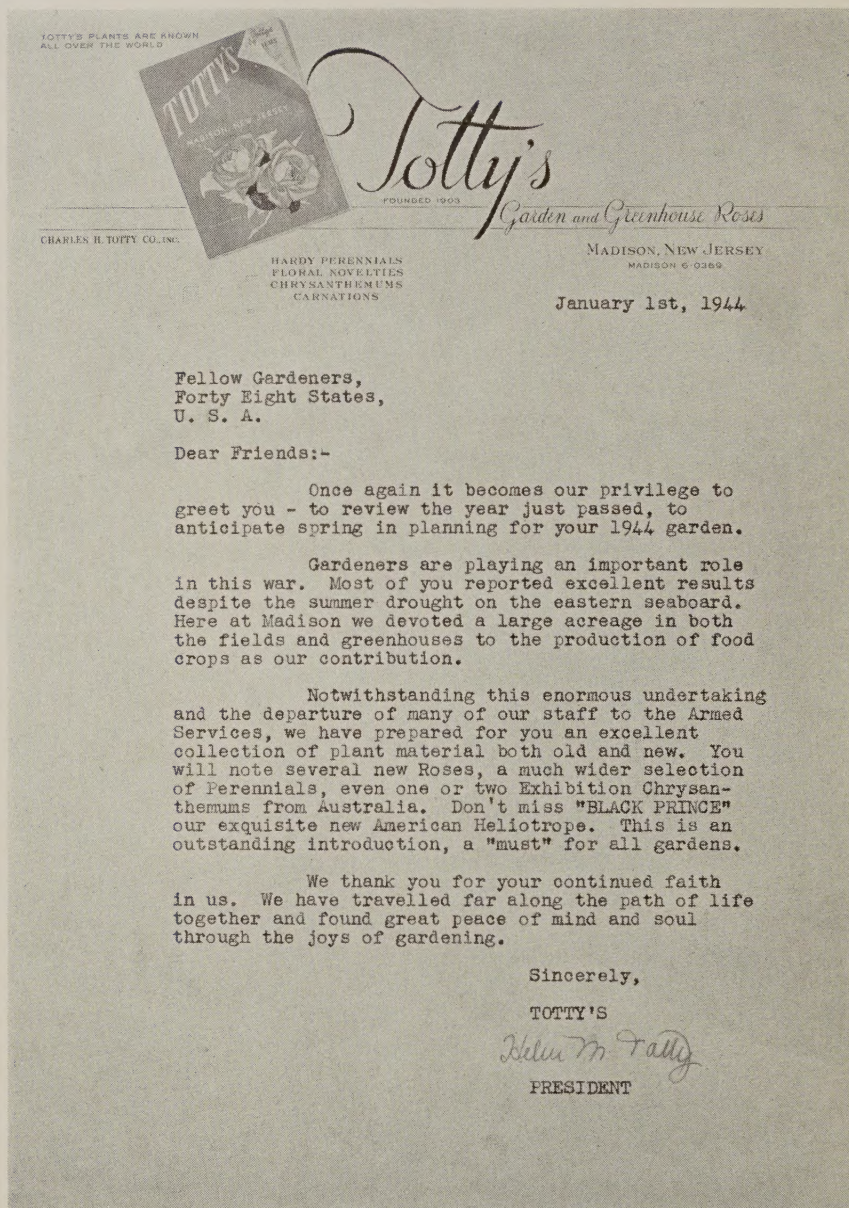
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Totty's

1944

MADISON,
NEW JERSEY



★ ADDRESS ALL CORRESPONDENCE TO



RIDGEDALE AND CENTRAL AVENUES - MADISON, NEW JERSEY - PHONE MADISON 6-0369

Thomas W. Pockett

NOVELTY INTRODUCTION FOR 1944



Winged Victory

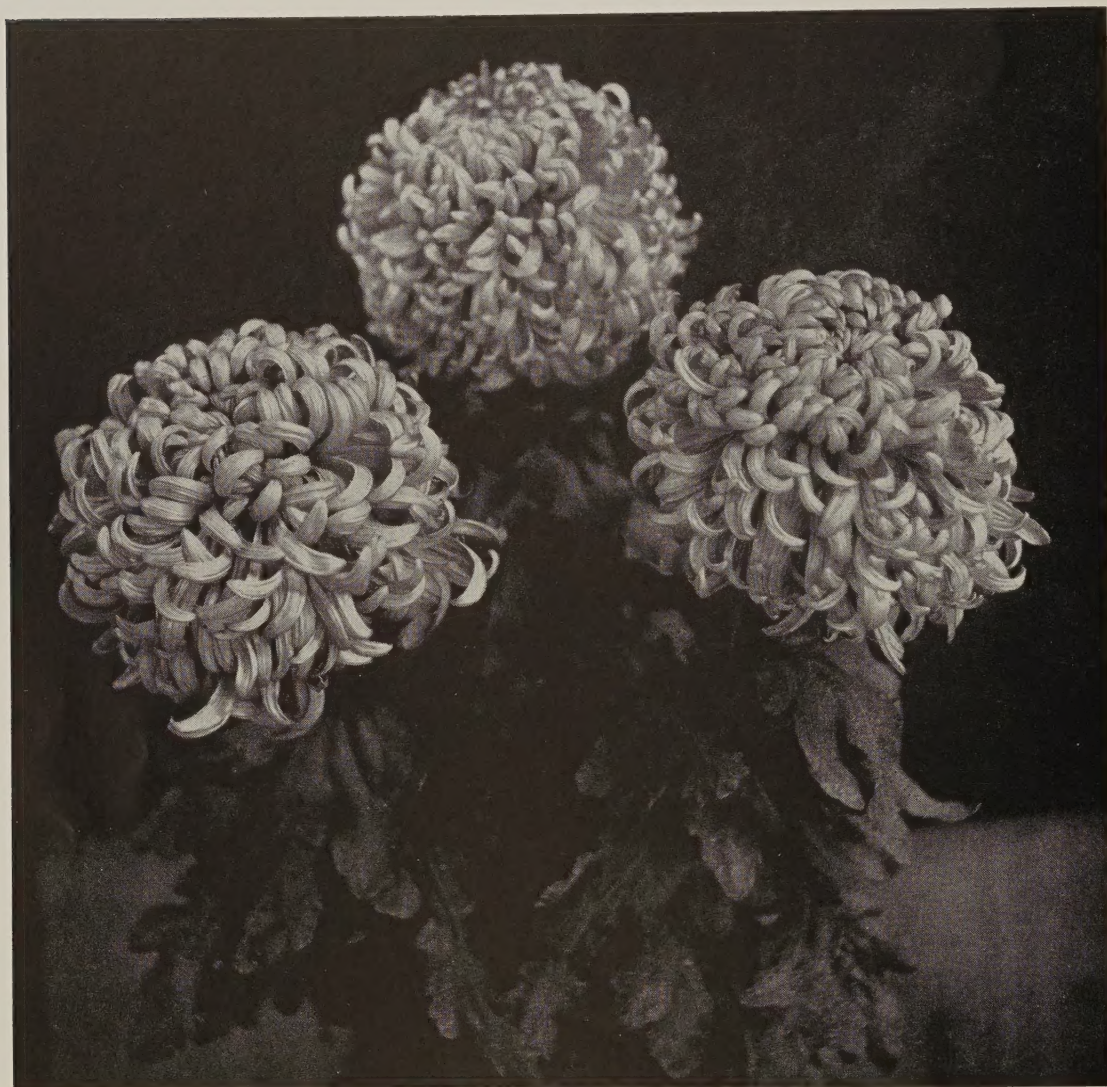
WINGED VICTORY

Our only Pockett introduction for 1944. This is a very handsome exhibition reflexed pure white suffused lilac over the tops of the petals. A magnificent large flower with very long reflexing petals. Take crown bud August 20th.

Price: \$2.00 per plant, \$20.00 per dozen

CHRYSANTHEMUM NOVELTIES OF 1943

Price: \$1.00 per plant, \$10.00 per dozen



Mrs. Yehudi Menuhin

MRS. YEHUDI MENUHIN

A large, solid flower varying in color and form according to treatment and bud selection. However, at all times it has an extremely individual petalage. Early buds will give blooms of orange bronze suitable for exhibition and the later buds give very fine flowers of bronze to chocolate-crimson in color; a most desirable variety for any purpose. Bud Aug. 25th onwards gave best results with us. Variety matures about first week in November.

LADY DUGAN

A true Cattleypink exhibition Chrysanthemum of medium height and excellent foliage. It retains the true color throughout the flower with absolutely no shading whatever appearing in the petals. This lovely, soft, orchid-pink, exhibition Chrysanthemum will be in great demand for high class decorative work where long stems and large blooms are required. Take bud Aug. 10th. Matures first week in November.

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

APPERT

Oriental incurved variety of great merit. True golden color. An easy grower, and will attain a height of about 5 feet if taken on the crown bud.

BARBARA PHILLIPS

The color is a fine glowing yellow reflexing variety without any faults whatever and will be a serious competitor to "Yellow Majestic" if it does not displace it entirely. Our best bud was that taken on August 15th. Height, 5 feet.

DR. T. N. LESLIE

A reflexing Oriental Chrysanthemum of dark Indian-red with rather broad petals. Quite unusual in color and distinct in growth. Dwarf in habit but its large, full flowers are ideal for exhibition purposes. Select first crown bud after August 20th. Matures about October 25th. Height, 4 feet. Price: 50c per plant, \$5.00 per dozen.

DR. J. M. INGLIS

A rich wine purple Amaranth with a silver reverse. The petals are loosely incurved. November 1st.

EVA WOOLARD

Large oriental Chrysanthemum of clear lemon yellow. Reflexing in type and a fine grower that can be depended on having every bud come good. Height, 5 feet.

GOLDEN MAJESTIC

A pure glowing golden yellow, sport of the ever popular "Majestic." Buds taken August 25th. Height, 4 feet. November 1st.

GRACE STURGIS

An enormous flower of rich wine red with a pinkish silver reverse. Should not be fed freely. Crown bud August 25th. October 20th.

HARVEST MOON

Bright yellow incurved Chrysanthemum. Extremely large in flower, blooming in late October. Very strong erect stem holding the flower without support. Last crown or terminal bud gives best results. Height, 4½ to 5 feet.

HENRY WOOLMAN

Frequently called Crimson Majestic on account of its style of growth, being reddish crimson with a gold reverse. The large flowers are of good texture, and attain a height of about 5 feet. Early crown buds after August 10th, we have found best for our particular purpose.

IMPROVED THOMAS POCKETT

A true replica of Thomas Pockett but much deeper in color, being a deep wine-red with incurving tips and reverse of petals silvery pink. A second crown bud on this variety for perfect flower, and finest color. Height, 6 feet.

J. R. BOOTH

This is the golden yellow sport of Nagirroc which is too well

known for further description. Height, 4 feet. Crown bud August 26th. Matures October 28th.

LOUISA POCKETT

Color purest possible white. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Certified C. S. A. Height, 5 feet. October 28th.

LADY KNOX

A most delicate shade of mauve-pink with extra large, long, drooping petals, and about the finest variety ever introduced in this particular color. Growth, foliage, and flower stem are perfect, and when better known will be one of our leading exhibition types. Take first crown bud after August 15th, maturing about November 1st. Height 4½ to 5 ft. Price: 50c per plant, \$5.00 per dozen.

MADELON

A rosy fawn with a buff reverse. Extra large blooms with broad reflexing florets, forming a most attractive flower. Splendid habit and a fine grower. Attains a height of 5 feet to 6 feet on any bud. Mid-season variety.

MAJESTIC

Clear, shiny amber bronze, a very brilliant shade of color, and a most attractive variety. November 1st.

MARIAN H. UFFINGER

Color is a dazzling bronzy crimson with a gold reverse. Bud August 20th to 25th. Height, 4 feet.

RED MAJESTIC

The novelty bronzy-red sport of the popular "Majestic" is highly recommended. It resembles the parent plant in all respects, except color. Height, 4 to 5 feet. Take first bud after August 25th. Matures November 1st.

THOS. W. POCKETT

This is a lovely clear pink with incurving tips, which has in its color every desirable attribute. We suggest a late bud the last days in August to give a perfect flower and color. Height, 6 feet. November 1st.

VERMONT

A most welcome addition to our exhibition list of pinks. The flowers are of enormous size. Bud August 1st to 15th. Height, 5½ to 6 feet. October 28th.

WILLIAM TURNER

Makes a perfect ball of the purest possible white. November 1st.

WILLIAM H. WAITE

Color, deep warm bronze, so brilliant as to seem almost shading to scarlet in some of the flowers. Bud around August 25th. Height, 4 to 5 feet. October 28th.

YELLOW WM. TURNER

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect. November 1st.

COMMERCIAL CHRYSANTHEMUMS

Commercial Chrysanthemums are grown for the cut-flower market and Florist trade. The earliest of these, such as Early Frost, Gold Lode, Indianola, etc., will flower satisfactorily in the garden for amateur growers. When grown outdoors we cannot guarantee them to be entirely hardy, so we would suggest that after flowering, the roots be lifted and carried over in a cold frame or root cellar until the following spring.

Price: 30c per plant, \$3.00 per dozen, \$20.00 per 100, except where noted.

Alameda—Incurved bronzy-yellow of medium size. Maturing about October 25th. Fine strong stems. Good grower of medium height. We suggest late buds for best flowers. This particular variety is recommended for pot plant work on account of its very rigid form of growth and dwarf habit.

Autumn Gold—Rich golden yellow. Very striking color, glistening in the sunshine. Vigorous habit of growth. A beautiful subject. Matures October 15th.

Betsy Ross—Finest mid-season white. October 25th.

Bronze Gladys Pierson—Very lovely bronze variety of the well known "Gladys Pierson," flowering November 15th.

Cambria—Large bronze, Commercial greenhouse type. Closely incurved. Height, 5 feet. Matures November 5th. **Price: 50c per plant, \$5.00 per dozen.**

Chattanooga—Medium white for Thanksgiving. Select buds September 20th and plants should be at full maturity November 25th.

Col. F. M. Alger—Large incurved bloom 7 inches in diameter and over. Color Pernet yellow suffused with deep gold on heavy, rigid stem $4\frac{1}{4}$ to 5 feet long. Take bud late August to September 5th. In full flower November 5th.

Detroit News—Golden bronze. October 25th.

E. A. Seidewitz—One of the best late flowering pink 'Mums, introduced to date. Can be had for Christmas if necessary.

Golden Ball—A very perfectly incurved yellow of medium size and good color and foliage but stem is tall and may not prove strong enough to support the flower properly if crowded. Matures November 1st.

Gladys Pierson—Apricot orange, flowering about November 25th. Take bud September 30th.

Golden Bronze—A wonderful shade of golden bronze. October 30th.

Golden Glory—Golden yellow commercial variety. One of the most popular in this color. They are rather medium in growth and if a bud is selected around August 25th it will mature around November 1st.

Hilda Bergen—Deep rich mahogany bronze. October 25th.

Mrs. H. E. Kidder—A very popular early bright yellow; stiff, upright stem. Flowers 7 inches in diameter by October 15th from buds selected August 25th. Height, 4 feet.

Pink Chief—A bright rose-pink, a true commercial form, flowering October 15th. A tall grower, and we recommend taking the terminal bud for the best color on this variety.

Rose Perfection—A rose shade of pink of rather dwarf growth. If you select bud September 10th you can expect flowers November 10th.

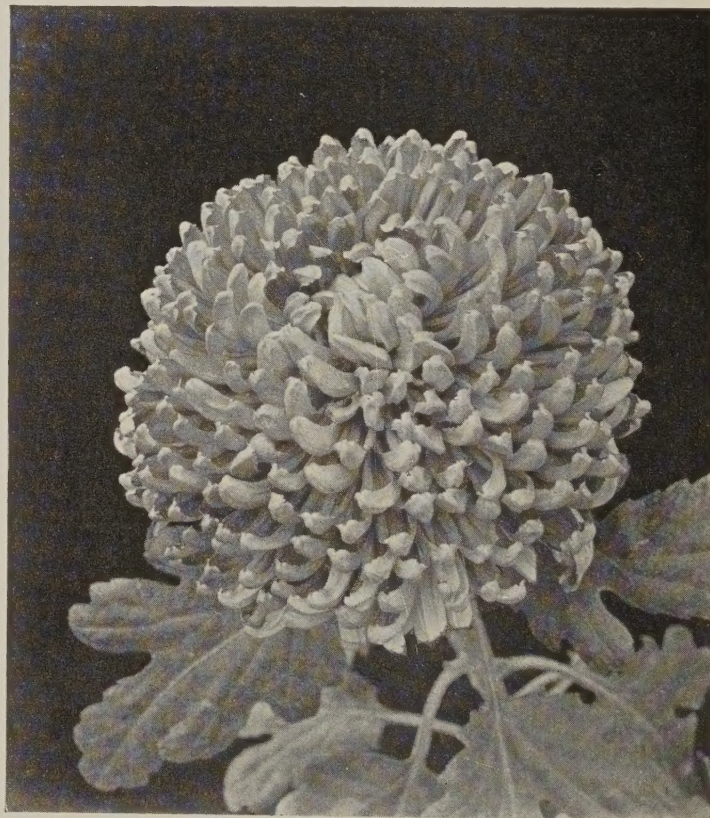
Saratoga—A large commercial deep golden yellow in color. Of perfectly globular form. Has excellent stems and foliage. Is a very easy grower of sturdy habit and medium height. Produces a very high percentage of perfect blooms. The great substance and keeping qualities of this variety will make it most desirable for decorative purposes.

Silver Sheen—A pure white variety, medium in height. Flowering October 20th from bud selected August 30th.

Sunglow—A bright yellow like Major Bonnaffon. October 10th.

White Perfection—An ideal variety if one is looking for white flowers around November 10th. Dwarf medium grower on which bud should be selected September 10th for best results.

Yellow Gladys Pierson—Clear yellow sport of the popular Gladys Pierson, "blooming for Thanksgiving." November 15th onward.



Alameda

STANDARD ANEMONE CHRYSANTHEMUMS

This type of Chrysanthemum is becoming increasingly popular—where novelty forms are desired. Many of the earlier flowering types give excellent results in the garden—tho' we do not guarantee them to be absolutely hardy.

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

Autumn Star—A small spray Anemone suitable for garden or greenhouse work. Clear snow white in color, and extremely free flowering. Maturing about October 10th. A dwarf growth with excellent foliage that has been the outstanding variety in our greenhouse this year, and is suitable for both cut flowers and pot plant work.

Blanche—An improved form of Garza. A very attractive white flower of splendid habit. October 25th.

Bob White—A small white Anemone which will finally take its place at the top flight as a very special variety for exhibition work. Excellent in size, magnificent in form. A very lovely grower and most attractive in every way.

Bronze Frieda—A bright orange bronze shade of the ever popular "Frieda." In full-flower November 1st.

China Rose—Splendid variety of the Anemone type. The color is Dragon's blood red. The growth is particularly dwarf and robust with foliage carried right up to the flower. November 1st.

Crimson Glow—A true crimson red Anemone with the cushion slightly tipped gold. The flower attains a size of about 4 inches across, growing 8 to 10 blooms to a plant. November 5th.

Chrome Emerald—A late spray Anemone of great substance and of a very brilliant golden-orange color, an exceedingly sturdy producer of medium sturdy growth possesses excellent substance, keeping for many days either on the plant or when cut, matures the end of November or early December, an exceptionally good variety for pot plants or cut-flower purposes.

Dark Pink Frieda—A lovely shade of spinel pink with pale yellow cushion. A delightful contrast. A duplicate of the original "Frieda" in every way except color, which is a lovely deep rich shade. Should be extremely popular. In full flower November 1st.

Elizabeth—A splendid light pink, on the order of Tuxedo, but with higher and fuller center. The largest flower of its type.

Estrelita—Bronzy orange Anemone with very full cushion. In full flower about November 15th. Height, 3½ feet and a very strong grower. In order to procure good size flowers this variety must be disbudded.

Frances Schoen Park—One of the most exquisite and largest Anemones we have ever had the pleasure of distributing. A dazzling white. Very occasionally the inner cushion of creamy white will be faintly tinged blush. A fine heavy grower of perfect form, unexcelled for exhibition purposes with individual flowers 6 inches or more across.

Innocencia—Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow. October 25th.

Jeanette—A lovely bronzy-buff sport of "Elizabeth." One of the popular favorites at the recent New York Show, and will eventually find its way into every collection of show exhibitors.

Little America—A gorgeous glistening white Anemone growing in sprays; very lovely and unusual.

Maureen—A brilliant scarlet, like Red Bird in type, with its small flowers but with more orange-bronze shadings than there is in Red Bird.

Mrs. John Shields—Beautiful sulphur yellow Anemone with a deeper lemon yellow boss in the center. This variety does not show its true character unless disbudded, but can be grown in sprays, if a person does not wish exhibition type flowers.

Norma—A large flowering show Anemone. Color a delicate pink with bronze yellow cushion. Matures October 25th onward.

Orchid Beauty—A deep Cattleys shade of pink with high cushion of pale gold, making a most pleasing contrast. Matures about November 10-20.

Purple Queen—An Aster purple Anemone with a lighter reverse and the cushion florets tipped with gold. An exquisite variety when grown with white flowers, for which it is a most pleasing contrast. Individual flowers 3 inches in diameter with eight or nine flowers grown on each spray. Matures November 15th to 20th.

Rolinda—A reddish bronze Anemone with very crisp formal petals

reminding one very much of the decorative types of Dahlias. An outstanding variety, and one that can be successfully planted outdoors. November 1st.

Rose Madder—A deep rose-pink Anemone with the center cushion so prominent as to practically obliterate the outer row of petals. Splendid habit. October 25th.

Silver Star—A glistening snow-white Anemone, throwing small flowers in great profusion in well-formed sprays. An easy grower and its great productiveness makes it a most desirable variety. November 5th.

Susanne Miller—A golden yellow sport of "Norma," identical to its parent in every way, excepting color. November 5th.

Tuxedo—A lovely shade of Enchantress pink. This variety was grown by the originator for years, but not generally distributed. One of the daintiest shades of color it is possible to procure in Chrysanthemums. November 1st.

The Titan—Tangerine bronze. A very exceptional color of indescribable brilliance. Wonderfully clean grower, with fine foliage throughout the season. October 25th.

White Frieda—The white duplicate of the original "Frieda." Glistening white Anemone with pale yellow cushion. In full flower November 1st.



Bob White

Totty's

STANDARD VARIETIES—FEATHERY, SPIDERY, THREADLIKE

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100.



Virginia

Azalea Chrysanthemums

This Azalea type of Chrysanthemum has become very popular within the past few years, and we are now in a position to offer the same in the following colors:

BRONZE	RED	PINK
YELLOW	WHITE	

These plants begin to flower early in August and continue to do so throughout the fall months. They are low growing, and bushy in type, never attaining a height of over 15 inches but are very showy in places where color is desired in the early fall.

Bess Witt—A sport of "Peggy Ann Hoover." The tubular petals of magnificent cinnamon-buff expand at tip to carnelian red.

E. S. Webster—A true copper, oriental Chrysanthemum with long quill petals. Fairly full flower of average height. In full flower October 25th.

Fugi (The Wisteria)—The largest of the entire set; pale lavender in color.

Mamoru—A dark orange quilled Chrysanthemum, increasing in depth of color towards the center. Fine, strong stem and abundant foliage. Of fine keeping quality. Medium height. Matures October 30th.

Nightingale—The green Spidery Chrysanthemum that created a sensation at the Fall Shows. Splendid keeping qualities and a decided green in color, shading to white towards the edges. About the nearest variety we have ever had to a green Chrysanthemum. Height, 4 to 4½ ft. Matures October. **Price: \$1.50 each, \$15.00 per dozen.**

Ohkwan—Fine tubular petals of rich lemon yellow growing on strong stems with excellent foliage. One of the older varieties in the Spidery Type but maturing around November 1st. It is very popular with admirers of this type.

Pink Joy—A fine, wine-red, Spidery Chrysanthemum with no other shading in the flower. Medium in height, with fine foliage of glossy dark green that contrasts beautifully with the flower. Matures October 25th.

Virginia—Clear deep yellow with long quilled petals which open at the tips and reflect to about twice the width of the petals on the balance of the flower. Can be either disbudded to make large individual flowers, or grown in sprays. Grown either way, it is most attractive.

Cushion Chrysanthemums

IMPROVED RED CUSHION

Large, full flowers of rich red, beginning to bloom in August and continuing throughout the season. The finest variety in the Cushion Type.

Price: 40c each, \$4.00 per dozen

MARJORIE MILLS (*Bristol*)

A new cushion variety in varying tints and colors—deep crimson when first opening shaded burnished chestnut-crimson, later becoming suffused with rose and bronze tints. These bushy plants seldom exceed 18" in height but are somewhat wider and covered with blossoms from late September onwards. An excellent border and rock garden subject. For a fine border effect plant 20" apart in the row. A beautiful variety when grown as a single specimen or in a group.

Price: 60c each, \$6.00 per dozen

HARDY GARDEN SECTION

The colored illustration will give our customers an idea of the different types of Hardy Chrysanthemums that can be successfully grown by the average amateur. You will note they vary from the small Baby Pompon types to the large Early Flowering sorts, with the Improved Pompons, and Single Chrysanthemums listed as well.

Where the selection is left to us (AND WE WILL MAKE AS VARIED A SELECTION AS POSSIBLE) we will be pleased to make a special price of:

25 PLANTS—\$7.50

50 PLANTS—\$12.00

100 PLANTS—\$20.00



Types of Hardy Chrysanthemums

HARDY GARDEN SECTION

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

NEW CHRYSANTHEMUM, Mme. Chiang Kai-shek (Patent Pending)

Beautiful formed flowers, fully double, composed of stiff petals able to withstand any and all bad weather. We consider it one of the finest Chrysanthemums in our collection. A magnificent plant, in full flower in September, often showing blooms in late August. **Price: \$1.00 each, \$10.00 per dozen.**

Athalie—One of the earliest of the Single Chrysanthemums to come into flower. Was in bloom with us this season weeks ahead of any other variety. Very lovely warm shade of bronzy yellow with about 2 to 3 rows of petals.

Cranfordia—In this variety we have an early flowering 'Mum that covers every possible point; bronzy yellow. October 20th.

Dean Kay—A double rose-pink Chrysanthemum. An entirely new type of Chrysanthemum, beginning to flower in July and continuing to do so until frost. Very compact vigorous grower with great profusion of blooms. Attaining a height of about 2½ feet.

Granny Scovill—Warm coral-bronze in color, dwarf and branching in growth with fine healthy foliage. Individual flowers about 4½ inches across of shaggy type. Height, about 2 feet, maturing October 10th.

Harry Brown—An extremely early flowering pompon coming in late September. Rich, golden orange with darker shadings of reddish bronze.

Jean Treadway—Sparkling pink with a deep rose-pink center, which develops as the flower advances to a soft lilac shade. Individual flowers about 3 inches across, maturing about September 30th.

Lavender Lady—A very handsome flowering outdoor Chrysanthemum of true lavender color. Strong, free flowering, handsome variety. Height, 2½ feet. In full October 8th. With a yellow variety makes a most glorious combination.

Lizzie Adcock—Deep yellow sport of Source d'Or.

Louise Schling—While this variety is not purely a Korean Hybrid, still it is extremely hardy and regular in its habit of growth, and certainly should find a place for itself in every garden. Color, deep salmon-red changing to a soft bronzy salmon as the flower matures.

Mrs. Pierre S. DuPont III—It is very difficult to describe accurately this variety. The dominant color is rosy-salmon combined with bronzy-tan and iridescent gold tints. Full double flowers four inches across are absolutely flawless since they never show an open center and are entirely frost resistant. A very vigorous grower branching 2½ feet across and carrying a dozen flowers and buds to a spray. In full flower early in October.

Pale Moon—A delightfully fluffy sulphur-yellow, large flowering Chrysanthemum. Very free flowering and a "must have" for color blends. Flowers October 15th.

Red Velvet (Bristol)—A glorious crimson, the result of a cross between the Mrs. Pierre S. DuPont and Caliph Chrysanthemums. Naturally, Red Velvet would be a perfect variety since it has both the clean growing habit of Mrs. DuPont combined with the rich color of Caliph. Shapely, full, double flowers of medium size carried erect on long stiff stems. When first opening the variety is velvety crimson, changing as it matures to an even dark crimson which does not fade but remains attractive for a remarkably long period. Healthy dark foliage. Height two feet and is in flower in early October. The reports from this variety are all unanimous; "one of the best in many years." **Price: 75c per plant, \$7.50 per dozen.**

Roberta Copeland—A double Korean. A very lovely shade of raspberry red when first opening shading to Rose-red. Indispensable for early flowers and beautiful grown in sprays. Height, 2 ft. Flowers September 15th.

Ruth Cummings—A very fine outdoor Chrysanthemum of rich bronzy terra-cotta in color. This is a variety that is generally liked by all visitors. October 15th.

Ruth Hatton—Very vigorous prolific Chrysanthemum with ivory-white flowers. In full bloom October 10th. A splendid variety.

R. Marion Hatton—Splendid deep yellow decorative Pompon that flowers very freely and is one of the earliest to come into bloom. Extremely hardy.



Mme. Chiang Kai-shek

SINGLE CHRYSANTHEMUMS STANDARD VARIETIES

These varieties are usually grown in sprays for cut flower purposes although they are extremely decorative in the garden.

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.



Valencia

Athenia—A magnificent and unusual shade of muskmelon-pink. Beautiful single of fine spray formation. Tall grower flowering in mid-November. One of the Korean Hybrid type, best suited for greenhouse culture.

Bronze Buckingham—Bronze sport of "Mrs. Buckingham." October 25th.

California Yellow—A very lovely single variety of brilliant bright yellow. An extremely vigorous grower coming into flower October 12th.

Caroline Robbins—When first opening the flowers are deep mallow-pink and gradually develop into lilac-rose. The very broad petals of this flower much resemble a double Cosmos.

Crimson Splendor—Rich crimson-maroon intensified with deep garnet tones contrasting with its golden yellow center. Flowering in late September.

G. Herman Kinnicutt—When we say that this variety is an improvement on "Cleopatra" in form, color, and constitution, it is a tall statement, but actually true. A very beautiful shade of bronzy amber-yellow.

H. Marie Totty—A brilliant crimson, with scarlet shadings. November 1st.

Improved Grenadier—Most easily described as a greatly improved Red Rover. A striking brilliant red with clear gold reverse, and every petal reflexing to show the color to the best advantage. One of the finest Singles of the entire collection.

Invincible—An exceptionally large deep crimson with bright yellow zone around the center disk. The tips of the petals curl back, making a very refined flower.

Jennifer—Beautiful large yellow Single with dustings of rich carmine-red. Very heavy flowered type. Quite a tall grower and does best when disbudded. Matures November 15th.

Margaret W. Wanner—Cadmium orange, suffused deep amber bronze. October 25th.

Melba—A brilliant bronzy red of exceptional merit. November 1st.

Mensa—Purest white. This is a splendid variety. November 5th.

Meta Bergen—Color is a brilliant Pompeian red and flower carries several rows of petals. It is a splendid keeper.

Miss Isabelle—Bronze with a silvery reverse to the petals. November 5th.

Mrs. E. D. Godfrey—Light pink, very finest variety, for Thanksgiving market. November 15th.

Mrs. James S. Kelly—Blush white with pink lilac shadings. Handsome grower and one that should be well received.

Patsy—Exhibition Single. Clear yellow with bronzy shadings towards the edges. A great favorite with exhibitors who admired its stiff stem and perfect habit of growth very much this season.

Prince Charming—Exhibition Single of soft yellow with gold shadings. When disbudded will produce flowers at least 6 inches across.

Scarlet Beauty—Large single flowering of scarlet-red with bright gold reverse. A lovely garden variety flowering October 15th.

Sonia—Exhibition pink, blooming quite a little ahead of Valencia, but slightly deeper in color than this variety, and its broad petals and rigid habit of growth make it an ideal pot plant.

Stewart Smith—This is the white Single that made such a wonderful record for itself in the exhibitions of the East. Good white Singles are scarce, so this will be a welcome addition to the very small list now existing.

Sunburst—The color is an intense burnt orange, each petal carrying a lavender sheen, it matures November 15th.

Valencia—A beautiful shade of Valencia pink without a single trace of magenta, one of the loveliest Singles ever introduced. Flowers measuring over 4 inches across.

White Godfrey—Pure white Single. The white form of the original "Mrs. E. D. Godfrey." Excellent for late November cutting.

Yellow Godfrey—Pure yellow form of the original "Mrs. E. D. Godfrey." Lovely clear yellow with a bright gold center and an excellent variety for Thanksgiving work.

Cascade Chrysanthemum

These are the very small type of Chrysanthemum used for many years to grow specimen Standards. They can also be grown most successfully outdoors since they flower in late August and are very dainty as cut flowers for the home. However, they are entirely too small and fragile for long distance shipping, so would not be suitable where one wishes to ship flowers any great distance. As a spot of color in the garden to intermingle with the larger flowering types or to private estates where one wishes to grow specimen "Cascades" or individual Standards, they can be strongly recommended.

Acacia—Fragrant Acacia-colored flowers. A small Single produced on long graceful dense sprays and flowering September 20th. Height, 2 feet.

Jane Harte—One of the daintiest Single Chrysanthemums ever distributed. The color is a beautiful deep yellow. October 30th.

NORTHLAND DAISIES

Many years of cross-breeding on the tough little Arctic Daisies from northern Europe produced these absolutely winter-proof Chrysanthemums, with their handsome leathery leaves of dark green. Beautiful symmetrical plants that are a pleasure to behold even when not in flower. As they flower very early in the season, they are rapidly surpassing other early flowering types.

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

Beowulf—Lovely shade of dark bronze. In full flower October 10th.
Brunnhilde—A salmon-bronze Single Daisy with a nice bright yellow center. A grand grower and a variety that will be in full flower October 5th.

Igloo—A perfect globe of pure white Daisy-like flowers in your garden. Flowering October 5th. Unsurpassed for lasting effect.

Kristina—"Extremely deep Rose-pink" is what the introducer calls this color. We would call it almost a true purple and a most unusual shade in the Fall garden. In full flower October 10th.

Loki—A very intense deep Rose-pink. Quite a dense grower of medium height, flowering October 18th. About as near to a purple Chrysanthemum as we have ever seen. A great improvement on "Kristina" introduced for the first time last year.

Nibelung—Coral red flowers about the size of a fifty-cent piece, with large yellow center. Very striking. Flowers October 15th.

Norseman—Henna-orange of very fine substance. A very dense grower, quite dwarf in growth. Flowering about October 25th.

North Pole—Coppery red. A very fine cut flower variety, flowering October 15th.

Sieglinde—A true mallow-pink Single Daisy, flowering October 5th. A very handsome sort.

Siegfried—Large sulphur-yellow. In full flower October 12th.

South Pole—Golden yellow double Pompon. Quite a tall grower, but coming into flower, as it does, October 15th, will be quite popular for this reason.

Valhalla—A velvety deep garnet Northland Daisy with open center, as is descriptive of the type. Makes a large plant and has very fine foliage. We recommend pinching this variety for best results. Matures October 15th.

Viking—Lovely shade of orange-red. Fine symmetrical grower, flowering October 10th.

DWARF NORTHLAND DAISIES

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

Greenland—An Indian-yellow, semi-double dwarf variety attaining a height of 18 inches. Very fine grower, and extremely showy. Flowers October 15th.

Iceland—Creamy-white semi-double dwarf Northland Daisy. Should be in great demand for fall gardens. Height, 18 inches. Flowers October 15th.

Labrador—A very beautiful shade of Rose-pink with lighter shadings on the edges of the petals. A dwarf variety not attaining a height of over 18 inches. A very showy garden subject. Flowers October 15th.

Yukon—Brilliant bronze semi-double dwarf variety. Height, 18 inches. Flowers October 15th. A fitting companion to the other three varieties.

KOREAN CHRYSANTHEMUMS

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

Apollo—Dazzling orange.

Burgundy—An improvement on "The Moor" with its gloriously rich red color, but quite a little brighter than that variety. Beautiful form. Very strong grower and freely produces very fragrant blossoms which are equally striking in the garden or when used as a cut flower. Height, 2½ feet. Flowers October 5th.

Carmen—Korean Hybrid of brilliant reddish-bronze in color. A decided improvement on the variety Mercury. Matures October 10th.

Diana—Delicate rose-pink.

El Dorado—Bronzy yellow Korean Hybrid. Maturing about the middle of October. A decided improvement on the ever popular Ruth Adams.

Ember—One of the new double Korean Hybrid introductions of 1937. Large double flowers of a true bronze with double flowers 2½ inches in diameter, flowering the middle of October.

Goblin—A beautiful golden-bronze Korean Pompon, opening October 10th. Ideal for Hallowe'en decoration. Very strong, neat growing plant. Height, 2 ft. Very hardy.

Indian Summer—Vivid glowing orange in color with shaggy flowers 3 inches across and begins to bloom October 15th. Height, 2 to 2½ feet.

Niobe—A vigorous healthy plant of dwarf compact habit, flowers over 2½ inches in diameter, of a clear, glistening white with yellow disc are freely produced fully covering the plant.

Pigmy Gold—Known as dwarf Korean-Pompon. This lovely subject produces quantities of small golden-yellow blossoms in early September. Invaluable for planting in front of other varieties, because it does not attain a height of over 15 to 18 inches at best.

Saladin—A Single Hybrid of oriental-red shaded coral-bronze. Height, 2½ to 3 feet. Flowering October 10th.

Saturn—A very vivid orange bronze single Chrysanthemum with a soft orange halo surrounding the golden yellow center. A true autumn color-effect. Flowers of excellent texture, about 3 inches across, produced in large, graceful sprays.

Thalia—A compact bushy plant growing 18 to 24 inches in height. The duplex flowers are of a lively orange shade and excellent form.

Venus—Color lilac-pink with rose-lavender shading. Flowers single, 2½ inches across, with three or four rows of petals. Remarkably free flowering, maturing in late September. Will appeal to those who like lavender and lilac tones in the garden. Delightfully fragrant. Height, 2½ feet. October 1st.

Vesta—A plant of medium height and great vigor literally covered with flowers over 2½ inches in diameter of a deep golden orange shade, almost a duplex.

POMPON CHRYSANTHEMUMS

Frequently Known As the Button Type . . .

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.



Gerona

Adelaide—A splendid, deep, rich mahogany; one of the earliest to develop, being ready to cut by October 10th. Strong, healthy grower and a desirable variety in every way. About 4 feet high when well grown. October 25th.

Albert Muller—Color, apricot, suffused soft pink. The blooms measure 2 to 2½ inches in diameter, grown on strong erect sprays of medium height.

Amber—Ochre yellow Pompon. Very fine variety that originated with the Department of Agriculture a few years ago.

Anna L. Moran—The color is splendid—a brilliant, flame-scarlet, so vivid as to be easily the most striking flower in the entire collection. The individual flowers on this Pompon are large, on the order of the Doty type.

Arizona—One of the most beautiful Pompons we have sent out in many years. Deep reddish bronze with gold shadings. Nice compact grower with flowers about two inches across individually, well placed on nice stiff stems. Flowers November 20th.

Ball of Gold—Pure yellow Pompon about 2½ to 3 feet high. One of the improved types, flowering about November 20th.

Beatrice—A very lovely clear, canary yellow. A ball shaped Pompon with quilled petals serrated at the edges. A very compact flower, very handsome in every way.

Burma—Clear golden bronze, large flowering Pompon. Crisp petals and a very fine grower although not exceptionally tall. Matures in early November.

Cassandra—A true "Princeton" orange in color. A medium-sized Pompon growing on long, stiff-stems and flowering about October 20th.

Christmas Gold—This variety is a small golden yellow and does not flower until December, making a very valuable late flowering sort.

Dorothy Turner—Rich old gold, deepening to chestnut bronze. November 15th.

Edith Newberry—Improved Pompon in a beautiful shade of burnt orange, maturing November 10th to 15th.

Featherbrook—A glowing golden bronze Pompon. If larger flowers are desired it may be disbudded, but without disbudding it is a charming subject.

Firebird—A reddish-bronze Improved Pompon of medium height, maturing around October 25th. "Firebird" has been found one of the good varieties for shading purposes to grow under cloth.

Frontenac—Large flowering Pompon of red gold. Intense bronzy-red center with outer petals of rich golden-orange. Flowering late November.

Gerona—Reddish Pompon. Medium height. Excellent habit. Matures November 10th.

Gold Drop—A true old gold Pompon of medium height, flowering November 1st.

Golden Frill—Deep golden yellow Pompon. Very unusual in the way it is composed of disk petals. Flowers freely produced on fine strong stems, and maturing about November 1st.

Improved Rodell—A great improvement on the original variety "Rodell" sent out several weeks ago. A lovely, clear yellow Pompon that comes into flower October 15th.

Irmalinda—Color, old rose with silvery sheen. Flowers about 1¼ inches in diameter. It comes into flower around October 25th.

Irene—A pure white early Pompon flowering about October 18th. A very fine upright grower.

Ivory—Ivory white Pompon of medium size, and splendid growing habits. Matures about November 1st.

Legal Tender—Vivid red and gold. A very fine late variety. November 15th.

Lillian Doty—It is much the finest pink in the entire Pompon family. October 25th.

Mary Pickford—One of perfect form, petals reflex at maturity nearly to stem, forming a ball of pure white.

Moravia—Soft rust Pompon with gold reverse. Fine stiff grower with large foliage. Flowers about November 25th. Medium height.

Mrs. Francis H. Bergen—Creamy white, with center of rosy pink. October 30th.

Mrs. H. Harrison—Blush pink, flowering October 1st. October 15th.

Mrs. J. Willis Martin—Crushed strawberry in color. The only variety we have in this shade of outdoor Chrysanthemums. October 15th.

New York—Bronze seedling from Hilda Canning. Flowers November 1st.

November Glow—Color, warm orange bronze. Medium size Pompon with perfect spray placement and fullness. Maturing November 10th.

Penguin—A pure white button Pompon of vigorous growth and very prolific, maturing November 10th onwards.

Persian Pink—A magnificent rose-purple Pompon. Very strong grower with the individual flowers beautifully spaced.

Pomponette—Particularly suited for pot culture. Dwarf, compact plant not over 15 inches in height; flowering about September 20th. Warm bronze in bud state but finishes a clear, primrose yellow.

Pot of Gold—Large double yellow Pompon. Very tall grower. Does best when disbudded and matures about October 15th.

Princeton—It is extremely brilliant and resembles the Orange Calenda flower to quite an extent. November 20th.

Red Doty—Wine red, with a silvery reverse on underside of petals and showing up distinctly in the short, crisp, center petals.

Red Princeton—A true red sport of the orange "Princeton." Exactly like its parent in every other respect. A fine grower and nice heavy flowers with stiff petals on long stems. Flowering about November 20th.

POMPON CHRYSANTHEMUMS *(continued)*

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

Red Robin—Crimson is rather a scarce color in the Pompon class. Beautiful long sprays with flowers well placed on the stem. Maturing early in November.

Rhapsody—Strawberry-red shading to apricot. A very unusual shade in Pompons. Grows in graceful sprays and matures about November 1st. Its excellent carrying color will recommend this to many gardeners.

Rosita—An unusual shade of rust-bronze suffused strawberry pink. A fine vigorous growing Pompon producing quantities of perfect blooms. Maturing with us October 25th.

Seafoam—Snowy white, large Pompon of beautiful rounded form. Buds are well placed on long, rigid stems. Extremely well suited for shading or cloth-house culture, flowering November 20th to 25th.
Price: 50c per plant, \$5.00 per dozen.

Sea Gull—Creamy white Pompon, coming into flower October 15th.

September Cloud—Like "September Gold" in habit, the ball-like blossoms a trifle larger. Purest ivory-white with soft Primrose shading in center, and wonderfully fine dark green contrasting foliage. Breathtaking in its gleaming perfection. A very fine white Pompon.

September Gold—Brilliant golden-yellow blossoms, trim and neat, twenty-five or more to a spray completely cover the shapely, well-rounded plants by mid-September and go on and on until the season's end. Colorful mounds, eighteen inches in height, much wider, the first season. Immensely prolific and somewhat earlier in succeeding years. A real advance.

September Bronze—The warm bronze and golden-bronze tints of Autumn are beautifully reflected in about the shapeliest little Pompon blossoms one can picture produced in great quantities. It is a remarkably robust plant, too. Most colorful early variety to date.

Spanish Gold—A lovely even shade of tawny yellow with a bronzy sheen, maturing about November 10th-15th.

Sulfur—Medium size Pompon producing quantities of flowers. Very tall grower and its color is clear yellow.

Tonquin—Large rose color Pompon of medium height. Maturing December 10th. One of the good late varieties.

Trianon—Reddish bronze Pompon suitable for greenhouse work only. Medium to tall in height depending on the conditions under which



Wildfire

it is grown. Of very fine habit and matures November 20th.
Price: 50c each, \$5.00 per dozen.

White Doty—A sport of the popular variety, Lillian Doty. October 25th.

Wildfire—The reflexed blooms are a beautiful rust orange in color and carried on strong well formed sprays. Very desirable variety for Thanksgiving.

Zenobia—Pure yellow. Comes into flower first of all and popular on this account, October 20th.

"SPOON" CHRYSANTHEMUMS

Spoon Chrysanthemums are a very lovely and unusual type having flowers with tubular petals that flatten out at the tips in the form of a spoon. They develop into perfectly round bushes 2 feet high and about 2 feet across and are in full flower in late October. The individual flowers are about 1½ inches across but with quantities maturing on each individual plant. They are very handsome subjects for rock gardens and perennial borders as well as pot plants and for cut flower work. For table decoration they are unsurpassed.

Price: 40c per plant, \$4.00 per dozen, \$25.00 per 100, except where noted.

Brilliance—Bright maize tubular petals opening at the tips to a gleaming grenadine-red. Fine erect flowers in a most unusual color for Chrysanthemums. Grand grower and will be talked about for many years to come.

Dainty—A soft pleasing pink.

Dierdre—A very novel double Spoon Chrysanthemum with flowers two or three inches across of deep raspberry-pink tipped silver. These plants attain a height of about 18 inches and are ideal for solid bed or pot plant work. Their bright yellow center contrasts

beautifully with this very unusual shade of flower. Very prolific in growth.

Grace—Soft canary yellow.

Jasper Spoon—A very unusual shade of crushed strawberry pink at the tip with lighter pink tubular center.

Orchid Spoon—Lovely Cattleya shade of orchid-pink.

Silver Spoon—A grayish white shade of this popular type of Chrysanthemum.

White Spoon—A dazzling white with no shadings whatever.

Yellow Spoon—A bright buttercup yellow.

Recently Introduced and Standard Varieties Carnations

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100, except where noted.

- C. B. Johnson**—A lovely shade of soft pink. Fine full flowers of perfect form and very free flowering habit.
- Dairymaid**—White ground, heavily striped pink towards the edge of the petals. Flowers large and richly perfumed. Fine robust, healthy grower, and very free flowering. Splendid keeper.
- Dorothy Napier** (*Patented*)—The originator calls this a bright medium pink, nearly cerise, large flowers are very full with a non-splitting calyx. A very fine grower either in the field or under glass and produces favorably with any variety of this color and quality. **Price: \$5.00 per dozen; \$35.00 per 100.**
- Fire Chief** (*Patented*)—A red sport of King Cardinal identical to that variety in growth and habit except that the color is a trifle deeper and the flowers are about 25% heavier which makes it much more valuable for shipping. **Price: \$5.00 per dozen; \$35.00 per 100.**
- Gardenia**—The very handsomest white Carnation that has ever been introduced to the American trade. Beautiful clear dazzling white, with slightly serrated edges. Magnificent in size, and extremely fragrant. A few flowers of this variety will permeate a room with its rich, spicy fragrance.
- Golden Wonder**—One of the finest deep yellow Carnations introduced to date. Much deeper in color than "Maine Sunshine."
- Jersey Beauty** (*Beuerlein*)—The identical color of the "Jersey Beauty" Dahlia! Hence its name. Large, luminous bright pink. A marvelous grower and most prolific producer. **Price: \$3.00 per plant.**
- Joan Marie**—This is a pure white, never showing any pink stripes, nor does it ever go off color. The flowers are borne on strong, sturdy stems and the leaves are much broader than any Carnation to date. It is practically disease proof and not subject to any blight whatever.
- John Briry**—Dark pink Carnation of exceptional quality, unusually long, strong stems and an excellent keeper. Flowers of average size and of good substance. Not as free flowering as other pink varieties but will be in demand where quality flowers rather than quantity are desired.
- King Cardinal**—Brilliant deep red in color, with large flowers measuring up to 4 inches across and fine strong stems, which carry the flowers erect; blooms early and is free and continuous with never a split calyx. A splendid grower.
- Maine Sunshine**—The very finest yellow Carnation that has ever been introduced in this country; a brilliant, clear yellow in color.
- Marchioness of Headfort**—Cream white melting into a ground color of rich red, of great substance. A most beautiful and impressive flower of the "Pelargonium" type, with a pleasing perfume. The growth is constitutionally perfect, absolutely reliable, with a substantial stem and vigorous growth.
- Moonbeam**—Color a very lovely shade of light yellow, with flowers 3½ inches across, of beautiful form and very full, with excellent keeping qualities. Very clean healthy grower, and entirely rust resistant. Long straight stems with non-splitting calyx.
- Patrician**—A white Carnation of outstanding merit. Its extra large size and vigorous growth will at once place it at the head of the list of white Carnations.
- Pelargonium**—The first of a new type of greenhouse Carnations. White ground, blocked or overlaid on each petal, crimson maroon. A perfect replica of the old Pelargonium. Habit, growth, stem and calyx good, with silvery foliage and a wonderful constitution.
- Peter Fisher**—Flowers of medium size and good substance with deeply fringed petals. About the most prolific of the medium or rose-pink varieties. Long, strong stems on which the calyx does not split. Excellent keeper and shipper. Quite a tall grower, therefore not recommended for low benches. Very easy to grow and practically disease resistant.
- Puritan**—A very free flowering white Carnation of average size. Transplants readily and makes excellent field grown stock. Fine for growing in a cool house.
- Salmon Laddie**—Sport of Laddie, like its parent except in color, which is salmon rose. Indispensable when flowers of the very highest quality are required. Quite distinct from any of the Laddie Sports. **Price: \$2.00 each; \$20.00 per dozen.**



Carnation Pelargonium

- Seminole Chief**—A beautiful orange-yellow Carnation with orange-red streaking at the edge of each petal. Very handsome variety. **Price: \$3.00 per plant.**
- Sunkist** (*Beuerlein*)—Orange tan color. Rather unusual as colorings in Carnations go. Medium size flower, but a most prolific grower. **Price: \$3.00 per plant.**
- Tom Knipe** (*Beuerlein*)—An outstanding new scarlet, very large full flowers with serrated petals a brilliant red in color, non-splitting calyx. A fine producer at all seasons. **Price: \$5.00 per dozen; \$35.00 per 100.**
- Topaz** (*Beuerlein*)—White with crimson stripes. Similar to "Dimity," which has claret stripes, but very much richer and outstanding in color. **Price: \$3.00 per plant.**
- Virginia Rose**—A very large rich pink Carnation. A magnificent grower and extremely fragrant. A handsome variety.
- Wealth**—Glistening white Carnation with flowers three or four inches across of very easy culture. Free from rust and free flowering. Beautifully formed flowers, with good keeping qualities. Long straight stems with non-splitting calyx.
- Woburn**—Referred to frequently as "The Standard Crimson." Very fine shade of color, and an unusually good grower.

Totty's

NOVELTY HELIOTROPE

Introduction for 1944

HELIOTROPE BLACK PRINCE

(Patented by Quincy A. Shaw McKean)



Heliotrope Black Prince

HELIOTROPE "BLACK PRINCE"

Patented by Quincy A. Shaw McKean

Prides Crossing, Mass.

The following is the originator's introduction of this variety:

This is a new and distinct variety of Heliotrope plant. While in Guatemala I came upon a Heliotrope plant that attracted my attention because it was so completely different from any in the line of Heliotrope I had seen theretofore. While I was assured the seeds would not germinate, nevertheless, I brought back to the United States hundreds of seeds from this plant. From all of these hundreds of seeds, I was successful in raising only three seedlings and each differed from the other. The great attractiveness of these three seedlings warranted preservation for they proved to be of a deeper, richer color shade of flower and foliage than the original or parent plant from which the seeds were taken, as above mentioned. I reproduced a goodly number of plants from each of these three seedlings, and grew these groups separately over a period of years to determine which of the three groups had the best growing habits. From these three distinct groups above mentioned, I selected the one group which I thought was most satisfactory and that constitutes the variety herein disclosed. All other plants were destroyed. The plants of the new variety come true to form by propagation only.

The following description sets forth the established characters of this new variety, propagated entirely from cuttings, which shows a vigorous, luxuriant growth, tender or half-hardy when grown outdoors in northern latitudes.

The most distinguishing feature of this new Heliotrope variety is its unique deep flower color, darker than any other variety known at this date. The foliage also, in its deep and heavy veinings, extra large leaves and very dark, metallic, and blackish violet-green suffusion is unique.

The plant is adapted for border, bedding or specimen plants but may also be grown to standard or tree form.

Flowering is continual and continuous, from sizable plants in Spring until frost in Autumn and may be taken indoors for winter blooming.

It grows best in rather rich, mellow, loose, moist soil, but also thrives in any good garden soil.

Taking up the more specific aspects of this new variety, the distinguishing features include a more vigorous, luxuriant growth as hereinbefore mentioned, larger, oblong-lanceolate, simple, pinnately veined, deeply crimped, wrinkled, rough veined or corrugated leaves; darker and richer colored flowers than other varieties or hybrids of the species or other species of Heliotrope; and more odoriferous or with stronger fragrance to the flowers than with other large-leaved Heliotrope varieties.

Plants reach 3 or more feet in height in one season outdoors, branching freely from each leaf axil, and forming stocky, bushy, self-supporting growth. Leaves, even on young plants, will measure up to 5 inches or more in length, by 2¼ or more inches in width. Leaves are borne alternately but in almost opposite positions, alternate pairs being practically at right angles, but leaves appearing spirally arranged on the stem when viewed from above.

The stocky stems and the petioles attain a rich and dark bronzy violet coloring which is also carried in a metallic sheen or lustre to the upper surface of the leaves, and stems are lightly covered with short, white, bristly hairs, giving it a somewhat gelatinous feel to the touch.

Flowers are borne in very large terminal corymbs of coiled racemes and cymes, individual florets measuring about 3/16 inch in diameter and borne in indeterminate clusters, corymbs reaching to 6 inches and more across. Flowers are uniformly darker in color under outdoor growing conditions, a blackish violet, and which is considered the true color. The color lightens to dark violet and fluorite-violet and to mulberry-purple on aging; lighter under hot-house conditions.

The nearest matching of colors of this variety are as follows:

Stems and unopened buds:	Flowers:	Leaves, young:	Leaves, mature:
Olivaceous Black	Mulberry Purple	Upper surface—Forest Green	Upper surface—Ivy Green,
	Fluorite Violet		Dusky Olive-Green
Opening buds:	Dark Violet	Under surface—Kronberg's Green	
Prune Purple	Blackest Violet		Under surface—Pois Green

Price: 2½" pots 50c per plant, \$5.00 per dozen, \$35.00 per 100; 3" pots 75c per plant, \$6.00 per dozen, \$45.00 per 100; 4" pots \$1.00 per plant, \$7.50 per dozen.

Tender Bedding and Greenhouse Plants

AGERATUM

Fraserii—Dwarf blue, compact growth, an early bloomer and excellent for edging. 3-inch plant \$3.00 per dozen; \$20.00 per 100.

BUDDLEIA

Asiatica—Begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house. It produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance. **Price:** \$3.00 per dozen; \$20.00 per 100.

FUCHSIAS

Marvelous Single Fuchsias

Aurora Superba—Sepals light apricot. Petals vivid orange.

Mrs. Rundle—Extremely long sepals. Salmon-pink. Petals vivid orange.

Wonderful Double Fuchsias

Dollar Princess—Sepals salmon-pink, corolla full double deep violet-blue shading to crimson. Very floriferous.

Sylvia—Sepals salmon-rose turned upwards, corolla semi-double pure white. Strong upright grower. A perfect gem.

Triphylla Fuchsia

Souv. de Henry Henckel—Flowers with long tubes borne in clusters. Tubes, cerise-pink. Petals coral orange. Dark reddish foliage.

Basket Fuchsia

Marinka—Its trailing habit makes it especially desirable for pot, basket, or vase culture, or it can be grown into beautiful standards. Sepals rosy red, corolla light red shading to violet. Strong grower and very free flowering. **Price:** 35c each, \$3.50 per dozen. May delivery 3-inch pot plants.

HELIOTROPE

Royal Fragrance—This variety was originally introduced by us about ten years ago, and since that time has practically become the standard variety for growing in mass effect. Dwarf and robust in habit, a very lovely shade of deep blue, it is the most fragrant Heliotrope that has ever been grown. It blooms profusely from June until frost, and is the superlative bedding plant.

There have been many substitutes sent out by other firms for "Royal Fragrance" but as the original introducers, we have always retained sufficient plants to propagate from the original stock sent us, which assures you of receiving the true variety: **Price:** 2½", \$3.00 per dozen, \$20.00 per 100. 3", \$3.50 per dozen, \$25.00 per 100. 4", \$5.00 per dozen, \$35.00 per 100.

PETUNIA

Wendover—This variety is a great improvement over "Gardenia Flowered." Glistening white in color, and extremely free flowering. 35c each, \$3.00 per dozen, \$20.00 per 100.

VERBENA

Lemon Verbena (*Aloysia citriodora*)—Lemon scented foliage, which is extensively used to impart a sweet scent to bunches of flowers lacking in a scent of their own. It is also used in flavoring jellies. **Price:** 2¼-inch pots, \$1.50 per dozen, \$10.00 per 100.

Verbena Mayflower—These are very handsome, as bedding plants. They bloom continually from early June until frost, and are very satisfactory when used as cut flower subjects. The particular variety we have to offer, "MAYFLOWER," we consider unusual and novel, which is the reason we include it with our list. It is a beautiful clear appleblossom pink throughout, and does not clash with any other color in the garden. The flowering heads are twice as large as that of any other Verbena, and its lovely soft color appeals to everyone. **Price:** 3-inch pots, 50c each, \$5.00 per dozen, \$35.00 per 100.

SPRINGFIELD ROSE FOOD

In order to get good results from your Rose plants it is necessary that you feed them once or twice at least in their growing season. This can be done most successfully with the formula that has only recently been brought back into this country from Europe and we use the original formula for SPRINGFIELD ROSE FOOD and can furnish the following sizes at prices listed.

5 lbs.	\$1.00	25 lbs.	\$3.00	50 lbs.	\$5.00	100 lbs.	\$8.00
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Greenhouse Roses Standard Varieties

Price: 2½ inch—\$50.00 per 100; 3 inch—\$60.00 per 100; 4 inch—\$70.00 per 100

Better Times (*Patented*)—The outstanding Rose of the decade. Its color is a brilliant cerise pink with a silvery sheen, as the flower develops. Very firm texture with beautiful clean heavy foliage.

Brandywine (*Patent No. 530*) (J. H. Thompson Sons Co.)—Long pointed buds of buff yellow, similar in color to "Joanna Hill." Flower opens slowly and has long keeping qualities. Its firm petals of creamy yellow contrast strikingly with the handsome foliage.

Briarcliff—Color more brilliant than Columbia, being a true rose pink without any shadings whatever. Long pointed bud and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

Cavalier (*Patented-Santmann*)—A very free flowering, beautiful shade of burnt-orange Rose that created quite a sensation at the Philadelphia Show last spring. Very much on the order of "Mrs. Roosevelt" in growth. Extremely free flowering and a nice grower. The flowers on this variety open slowly and evenly, which adds to the lasting quality of the same.

Cecile Brunner—Known under various names, such as Sweetheart, Mignon, etc. It is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

Chieftain (*Patent 150*)—A very deep red in color with a slight yellow shading at the base of the bud diffusing a small amount of yellow into the red of "Chieftain," making it a most superior growing shade. A very healthy grower producing flowers on sturdy stems. Still a very fine red Rose for the greenhouse even though it has been in cultivation over five years.

Golden Rapture—Here we have a beautiful yellow Rose that is the same color as Claudia Pernet and is a quick growing, easily handled variety. This yellow is rapidly displacing every other yellow at the present time. Foliage, stem, habit, and freedom of growth are perfection. We recommend this Rose to any grower looking for a perfect yellow Rose.

Happy Days (*Patented*)—The color is a bright clear pink, much brighter than that of the original parent, but the growth, stems, and foliage, the exact duplicate of Briarcliff. Much longer in the bud and naturally a larger flower.

Joanna Hill—The blooms are clear yellow, deepening at the center and hold their color under artificial light. It produces strong stems without pinching and can be grown at low cost and sold at a more reasonable price than Souv. de Claudius Pernet.

Lum's White—A rejuvenation of the old Double White Killarney, showing an improvement in growth, a larger flower, and a much purer, white color. The growth is much longer and the general appearance of the plant better in every way than the original variety.

Madame Butterfly—A glorified Ophelia. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

Mary Hart (*Patented*)—A scarlet-crimson in color. A sport of "Talisman," that is a duplicate of that variety in habit and growth and to the growers who handled "Talisman" successfully, we recommend this Rose with every confidence of its being a fit companion in its color.

Mrs. R. M. Finch—A Polyantha Rose that is displacing Cecile Brunner for growing in the greenhouse. Color, deep shell pink, slightly larger in flower than Cecile Brunner and one of the best of the Baby Rambler types.

Orange Nassau—This brilliant Rose distributed for the first time last year has proved very popular with our customers. "Orange Nassau" is one of the most brilliant Roses that it is possible to grow in a greenhouse, very fragrant and a nice grower. The illustration very truly conveys the color of this remarkable Rose.

Peter's Briarcliff—A deep pink sport of the ever popular "Briarcliff." A duplicate of "Briarcliff" in every way except color, which is many degrees deeper.

Pink Delight—A beautiful brilliant pink Rose, stem and foliage all that can be desired. The fragrance is more pronounced in this Rose than in any others. Rather a tall grower, but if given sufficient head room will give a splendid account of itself.

Pinocchio (*Patent No. 84 J&P*)—Bright salmon-pink in color, creating a sensation wherever shown. Exquisite in form and size. Slightly larger than "Mrs. Finch" but an attractive deeper pink, flushed salmon. Excellent variety where a miniature is desired.

President Herbert Hoover—A splendid combination of cerise pink, flame, scarlet and yellow, and this combination gives a dazzling effect. The flower is large and the bud beautifully pointed. The petals are broad and thick, retaining this characteristic days after the flowers are open. It is a splendid keeper, and wonderfully fragrant.

Rapture—A much improved sport of Mme. Butterfly. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals. As a sport of Butterfly, Rapture shows all its good characteristics with larger foliage and a much heavier growth.

R. M. S. Queen Mary (*Patent No. 249*)—The color is a beautiful, striking, glistening shade of salmon-pink, which lights up beautifully under artificial light and makes a marvelous decoration. The growth is particularly strong and free, the leaves thick and lustrous, and are entirely immune to mildew or black spot.

Starlite (*Patent No. 414 J&P*)—Large, full flowers of pure white. Long pointed buds on long, strong stems. Heavy dark green foliage, well spaced on the stem. A vigorous growing Rose of heavy branching habit. The introducer states that this Rose has a production nearly equal to "Talisman."

Talisman—A seedling of Ophelia and Souv. de Claudius Pernet. "Like a choice, rare cameo, this new seedling Rose stands out in rich and distinctive relief against any background." "Talisman" is already so well known that it needs no further comment.

Token (*Patented*)—A magnificent apricot orange shading to golden-pink. Long high pointed buds, and an exquisite variety in every way. At the base of the petals is a clear yellow suffusion, which lights up the flower beautifully. A Rose that is thoroughly alive in color.

Yellow Gloria (*Patented*)—An orange sport of Talisman, a most pleasing color under any light. Has more petals than any of the Talisman types and produces well shaped buds on long stiff stems. A wonderful keeper and shipper, and very productive at all seasons. A fine, clean, healthy grower.

Totty's
NOVELTY GARDEN ROSES
for

1944



MRS. PAUL R. BOSLEY

The outstanding novelty yellow Rose for 1944 introduction. Illustration conveys in only a slight manner the beauty and hardiness of this variety. Long pointed buds on magnificent strong stems, beautifully scented. Most prolific in growth and production. **Price: \$1.50 per plant; \$15.00 per dozen.**

NOVELTY GARDEN ROSES *(continued)*

MME. CHIANG KAI-SHEK (*Howard & Smith*) (*Patent applied for*)—One of the three varieties selected as 1943-44 All America Rose selections which is passed on by fifteen of America's leading and largest Rose growers, cooperating in an undertaking to test each other's Roses in gardens located throughout this country under different growing conditions. Named in honor of the First Lady of China. Long, pointed, pale yellow buds open to large spiral flowers of canary-yellow with creamy outer petals. Vigorous, free flowering variety with bronzy green canes which are one of its attractive features. When the flowers are fully open a mass of rich golden anthers matching the petals make it a most unusual and beautiful subject. **Price: \$2.00 per plant; \$20.00 per dozen.**



Douglas MacArthur

DOUGLAS MAC ARTHUR

A beautifully proportioned Rose of rose gold and salmon blended together on strong bushes which send forth many shoots of shiny dark green foliage. Like the great leader for whom it is named it commands the admiration of all who see and grow it. **Price: \$1.50 per plant; \$15.00 per dozen.**

PEARL HARBOR

Upper surface of the petal is a delicate shade of shell pink suffused golden bronze at the base. The outer or underside of the petals is a Tyrian rose in color. Plant is practically thornless: a delightful colored Rose of bewitching fragrance. **Price: \$1.50 per plant; \$15.00 per dozen.**



Pearl Harbor

NOTE:

When ordering, if agreeable to you, will you kindly suggest a second choice on your order in case we are sold out of the original variety inquired for. If no second choice is suggested, we will assume a substitute is not desired by the purchaser.

Totty's

HARDY GARDEN ROSES

THE VICTORY COLLECTION

Seven excellent varieties both from a point of quality of flower and sturdiness of growth are suggested herewith.



Grand Duchesse Charlotte

CRIMSON GLORY (*Patented*)

A deep vivid crimson shaded ox-blood red and finished with a soft velvety nap. Its habit of growth is very vigorous, producing at all times quantities of superb urn-shaped blooms. *Price: \$1.25 each; \$12.50 per dozen.*

ECLIPSE (*Patented*)

The long streamlined bud is of rich gold without shading. Petals are long and tough, but not numerous, averaging 20 to 25, with more in the autumn. Healthy, attractive foliage. *Price: \$1.25 each; \$12.50 per dozen.*

GRANDE DUCHESSE CHARLOTTE (*Patented*)

Named in honor of the Grande Duchesse of Luxembourg, it is described by its introducer as "a new shade of red such as is seen on old tapestry and a color not known in any other Rose." Long streamlined buds are rich claret in color, opening to firm blooms which do not fade but gradually change to a lovely begonia-rose. A most artistic flower of Carnation fragrance. *Price: \$1.50 each; \$15.00 per dozen.*

MADAME JOSEPH PERRAUD

This Rose was awarded a medal as "the most beautiful Rose in France." The introducer describes it as "an enchanting Nasturtium buff straying to a luminous shell pink at the petal edges." It is the nearest approach to a pure buff that we have in Roses and an exquisite variety. *Price: \$1.00 each; \$10.00 per dozen.*

ORANGE NASSAU (*Patented*)

Very unusual shade of color, and while it does not grow into a large bush, still it blooms profusely and its very pronounced Rose fragrance is not the least of its many qualities. Inner petals coral-red with bright orange-buff reverse, and as the flower ages the color lightens to a shrimp pink. When fully open, soft salmon-orange is the general effect of this Rose. *Price: \$1.25 each; \$12.50 per dozen.*

PINK DIAMOND (*Patented*)

The large, bright pink buds produced by this marvelous variety open to light pink blooms of great size, frequently measuring 5 to 6 inches in diameter, and appear in great profusion. This variety has created more favorable comment than has any other pink in the garden this year. *Price: \$1.50 each; \$15.00 per dozen.*

R. M. S. QUEEN MARY (*Patented*)

A combination of vivid shades; rich glowing salmon pink with an orange base. The buds long and pointed. Flowers of marvelous size and form. Very productive and delightfully perfumed. Fine, strong grower and a magnificent variety in every way. *Price: \$1.25 each; \$12.50 per dozen.*

If purchased as a collection, this \$9.00 value for \$7.50

SUB-ZERO HYBRID TEA ROSES

Price: \$1.50 each, \$15.00 per dozen.

This special collection is known as "Wichuriana Hybrid Tea Roses" and the plants are much smaller than the average Hybrid Tea for the first season. However, once they are planted, they increase in size each year thereafter and when they remain in their permanent location for two or more years, they produce magnificent specimens literally covered with flowers the entire season. The originator claims that they come through winters when frost has reached 25 degrees below zero. A special suggestion on planting this type plant is: "Plant the grafted joint of the Sub-Zero Hybrid Tea three inches below the bed level. After complete defoliation in the fall, cover the tops with clean earth and sod and do not uncover the following spring until frost has entirely disappeared."



V. for Victory

Anne Vanderbilt—Very like "President Hoover" in color, except that it has deeper, richer tones and produces many more flowers than "President Hoover" at any time. These plants are most informal, bearing an abundance of flaming grenadine-pink flowers with yellow shadings, grown in clusters.

Break o' Day—Orange-apricot shaded yellow and overlaid with flesh tints. Fine foliage, large, fragrant flowers. Extremely strong grower and a first-class Rose.

Pink Princess—Large, fragrant, clear pink flowers. Vigorous grower and weather resistant. Produces much finer flowers than "Radiance" and more of them throughout the season.

Shades of Autumn—A beautiful and abundant flowering, bright colored Rose of shadings of reddish-bronze and orange-yellow. The name of this variety accurately expresses its true color.

"V. for VICTORY"

One of the few fine yellow Hybrid Teas, full petalage beautifully recurved and retains its color right to the fully matured flower. There is no Rose more charmingly beautiful than this particular variety. As one prominent Rosarian said: "If I could have but one yellow Hybrid Tea it would be 'V. for Victory.'" It has the appeal of many petals, ideal color, the best of form, more blooms and the plant is especially vigorous.



Shades of Autumn

RECENT INTRODUCTIONS

The following are a selection from the finest Rose introductions of the past five years from different sections of the country. All of them are recommended to be outstanding in their individual colors.

Apricot Queen (*Patent No. 464*)—A combination of orange-apricot merging to Salmon-Rose and Phlox-Pink, making this one of the most beautiful colored varieties we have ever had the pleasure of introducing. Long pointed buds with excellently placed petal arrangement. An intensified "Mrs. Sam McGredy" in color. **Price:** \$1.50 each; \$15.00 per dozen.

California (*Patented*)—A gorgeous shade of ruddy orange toned saffron yellow, with the exterior of the broad petals overlaid Saturn Rose, producing dual tone effect of indescribable richness and beauty. Long pointed buds producing flowers reaching a diameter of five to six inches. Vigorous growth and healthy, glossy foliage add to its attractiveness. **Price:** \$1.50 each; \$15.00 per dozen.

Charlotte Armstrong (*Patented*)—The originator describes this Rose as "a rosarian's dream of surpassing beauty and boundless vigor come true in this leader of the world's finest Roses." Blood red in bud opening to cerise in hot weather and deepening to spectrum red later in the season. Long-shaped buds, free flowering and vigorous in growth. Disease resistant and very free flowering. **Price:** \$1.50 each; \$15.00 per dozen.

Countess Vandal (*Patent No. 38*)—Its long pointed bud, its distinctive shadings of coppery-bronze suffused with soft gold and its form are a continuous "movie" developing new beauty at all times during its long life. **Price:** \$1.00 each; \$10.00 per dozen.

Heart's Desire (*Patented*)—This delightful red Rose was given the highest award in the "All American Rose Selections" trial for the years 1940-41, after two years' trial. It combines vigorous growth, prolific blooming habit and magnificent foliage. The superb red bud is delightful when it opens up and until the last petals drop. "Heart's Desire" has been found remarkably free from disease and entirely hardy with average protection, even in the most northern latitudes. Fragrance is not the least of its qualities, and the pure even shade of luminous red without any trace of maroon is sun-proof even in the very hottest weather. **Price:** \$1.50 each; \$15.00 per dozen.

Madame Henri Gullot (*Patent No. 337*) (Mallerin)—Unanimously acclaimed by Rose growers as "the top Rose in the garden." Visitors usually go into ecstasies over the beauty of this Rose whose large, firm petals unfold to urn shape then to the form of an immense Camelia of shining raspberry, shading to watermelon pink. A richly fragrant variety that is delightful for cutting. **Price:** \$1.25 each; \$12.50 per dozen.

Mary Margaret McBride (*Patent No. 537*)—Named in honor of the charming and gracious Mary Margaret McBride, noted author and radio personality. In bud it is a lovely deep pink that opens gradually to a clear coral pink with shimmering gold at base of petals. Beautiful in all stages of growth. The stems are long, strong and vigorous. The flower has a most alluring fragrance and was selected as one of the "All America Awards for 1943." **Price:** \$1.50 per plant; \$15.00 per dozen.

McGredy's Sunset (*Patent Rights Reserved*)—Very aptly named variety as outer petals are clear buttercup yellow tipped orange. Inside is chrome yellow flushed scarlet when it opens. Medium size flowers with a very pleasing fragrance. Long stiff stems and a sun resistant variety. **Price:** \$1.25 each; \$12.50 per dozen.

McGredy's Triumph (*Plant Patent No. 190*)—Geranium-red flushed orange, gradually deepening to rich orange at base. Reminds one of a brilliant ripe strawberry flushed scarlet and orange. Flowers full and of perfect shape. In addition to the unusual, coloring of flowers, the extraordinary freedom and habit of growth is something far from the every day Rose. Stems dark mahogany red, foliage extra large, dark, reddish bronze in color. **Price:** \$1.25 each; \$12.50 per dozen.

Orange Nassau (*Patented*)—Very unusual shade of color, and while it does not grow into a large bush, still it blooms profusely and its very pronounced Rose fragrance is not the least of its many qualities. Inner petals coral-red with bright orange-buff reverse, and as

the flower ages the color lightens to a shrimp pink. When fully open, soft salmon-orange is the general effect of this Rose. **Price:** \$1.25 each; \$12.50 per dozen.

Pearl S. Buck (*Patent No. 423*)—Glowing orange hue when first appearing, softening to a deep yellow tinged apricot as it matures. Very prolific grower with a rich fragrance. Deep green foliage making a very fine foil for this lovely colored Rose. **Price:** \$1.50 each; \$15.00 per dozen.

Poinsettia—The name of this beautiful Rose was suggested by Dr. J. Horace McFarland. Has semi-double flowers of a bright, rich scarlet color produced profusely during the whole season on vigorous plants of fairly tall growth. **Price:** \$1.00 each; \$10.00 per dozen.

President Macia—A lovely shade of pink, marked with heavy veins of darker pink and each of the perfect buds on a splendid stem for cutting. The face of the petals is pale flesh, warmed with a yellow flush toward the base; the reverse, the rich pink of the buds. The blooms are fragrant and flower all season. **Price:** \$1.50 each; \$15.00 per dozen.

Sterling (*Patent No. 21*)—A really true pink Rose. The yellow base of the petal enhances the brilliancy of the color to a considerable extent. A fine strong grower giving quantities of flowers throughout the entire season. **Price:** \$1.00 each, \$10.00 per dozen.

The Doctor—A clear Rose pink of enormous size with large stiff petals. Plant moderately vigorous, but very floriferous, delightful Verbena fragrance. Good foliage and a variety that was awarded the National Rose Society Gold Medal. **Price:** \$1.00 each; \$10.00 per dozen.



Heart's Desire

STANDARD VARIETIES OF ROSES

Dormant plants, delivery up to May 1st—Price: \$1.00 each, \$10.00 per dozen. Plants from 6-inch pots, delivery May 1st onwards—Price: \$1.10 each, \$11.00 per dozen.

Varieties that have been in cultivation for many years and have proven their worth in all sections of this country.

Autumn—Color, a gorgeous combination of cerise, scarlet and yellow. The firm compact bud of medium size is bright golden yellow, stained crimson without and deepening to scarlet-orange in the center. They open to semi-double splendidly shaped flowers of glorious crimson and gold with stiff petals.

Betty Uprichard—Coppery red buds, opening to semi-double flowers of above average size; brilliant orange carmine on outer surface of petals, showing light salmon reflexes; spicy fragrance.

Caledonia—A most desirable white. Exceptionally long, pointed bud opening to a very double, high-centered, long lasting, very large, moderately fragrant flower. Continuous free bloomer.

Christopher Stone—Bright velvety scarlet flowers of good form, opening fully to show its golden stamens; fragrant. Vigorous, upright grower, free flowering, and does not appear to be troubled by heat. A brilliant color.

Condesa de Sastago—Copper and yellow. Bud like ball of gold striped with red. When open copper on inside with reverse of gold.

Duquesa de Penaranda—Copper-apricot. This glorious Rose produces two distinct types of flowers. During the Summer the pointed buds are a blend of apricot-orange and dark pink, opening to splendid blooms of coppery apricot. In the Autumn great brownish buds open slowly to finely formed flowers of a luscious cinnamon-peach color. Very sweetly perfumed.

E. G. Hill—The flower is dazzling scarlet, shading to a deeper pure red as it develops. It produces long stems naturally and the foliage develops freely and is of fine color.

Etoile de Hollande—Brilliant red blooms of magnificent size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching; particularly free flowering and healthy.

Glowing Carmine—The name appropriately describes this beautiful Rose. It is a strong grower with well-shaped buds. A splendid color that lasts exceptionally well.

Golden Dawn—An ideal yellow garden Rose. Color ovoid lemon yellow bud heavily splashed with crimson before opening, developing into a well formed, sweetly scented large, double, yellow reminding one of the old favorite Marechal Neil. Strong, vigorous and free flowering.

Golden Rapture—A splendid yellow Rose of upright growth. The pure yellow buds are of ideal form. Beautiful, large, double flowers which last without fading. A splendid variety for cutting and for bedding.

Hinrich Gaede—In an unusual shade of Rose there is nothing to equal this variety which is another of our introductions of two or three years back. Color is a rich luminous vermilion shaded golden yellow, a color such as is found in the modern Zinnias. Very free continuous bloomer with a rich fruity fragrance. One of the most charming garden varieties.

Kaiserin Auguste Viktoria—Creamy white, immense substance, petals smooth and nicely arranged. A popular variety.

Lady Alice Stanley—The outside petals are a deep rose-pink; inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness and one of the most fragrant Roses in existence.

Mme. Cochet Cochet—Long pointed coppery-pink buds flushed orange, opening to fragrant cut flowers of soft crimson-salmon pink.

McGredy's Yellow—An unfading canary yellow Rose of beautiful form and a mass of golden anthers intensifying the color in the center of the flower when fully opened. Vigorous, free blooming variety holly-like foliage, a cup-shaped Rose of beautiful color.

Mme. Charles Mallerin (Patent 409)—Salmon orange changing to clear orange with brilliant scarlet shadings. Clover-like fragrance makes this an unusual Rose which we recommend to grow in all gardens. Price: \$1.50 per plant, \$15.00 per dozen.



Hinrich Gaede

Margaret Anne Baxter—A very lovely white Hybrid Tea, large buds, extremely fragrant although occasionally the snow-white flowers are tinted a blush pink. We consider this one of the best white Roses.

Madame Jules Bouche—One of the finest garden Roses in the white section; of splendid form, and a very strong grower.

Mrs. Charles Bell—Lovely shell pink buds and blooms of fine, globular form with shadings of soft salmon; sweetly perfumed. Plants are notably strong and bushy, bearing good foliage, and is seldom attacked by disease.

Mrs. Erskine P. Thom—A strong, healthy grower, equal in strength to the Radiance type of Rose. Beautiful, dark bronzy green, disease resistant foliage. Rich lemon yellow flowers, very sweetly scented and a very free flowering variety.

Mrs. Henry Bowles—A luminous, deep salmon-pink, and a Rose of very striking appearance. Beautifully, long-shaped buds, developing into perfect high-centered full, double flowers.

Mrs. Pierre S. duPont—Medium sized, long-pointed bud of a red-dish gold opening to a semi-double, cupped, very lasting fragrant flower of a deep golden yellow. Plant is of strong vigorous compact growth. A profuse and continuous bloomer.

Mrs. Sam McGredy—Beautiful long-pointed buds opening to large double high-centered flowers of glistening scarlet-copper-orange with deep red shadings on the outside of the petals.

Picture—Splendidly formed, medium-sized flowers of velvety Rose-pink, the petals pleasingly reflexed. Well named, as both form and color are very lovely. A fine cutting Rose, unusually free blooming.

Pink Dawn—An exceptionally charming Rose of highest merit, with an abundance of perfectly formed, full double flowers of a deep rose color, opening to lovely pink blooms, tinted with orange at the base of the petals.

President Hoover—A splendid combination of cerise pink, flame, scarlet and yellow. Gives the most dazzling effect ever seen in any Rose. The flower is large and the bud beautifully pointed. Petals are broad and thick, retaining this characteristic days after the flowers are open. Splendid keeper and wonderfully fragrant.

Radiance—A splendid and popular Rose, deep pink in color. Will produce 3 foot breaks without pinching; almost mildew proof, and a wonderfully fine Rose to handle.

Talisman—A seedling of Ophelia and Souv. de Claudius Pernet. "Like a choice, rare cameo, this seedling Rose stands out in rich and distinctive relief against any background." Talisman is already so well-known that it needs no further comment.

Floribunda and Improved Polyantha Roses

Floribunda Roses are proving very popular in practically all sections of the country. Medium in height and disease resistant. Flowering practically the entire season and retaining their vivid colors even in the very hottest Summer weather. Ideal for planting in front of evergreens, if one wishes to add color. Plant 18 inches apart for best effect.

Price: \$1.00 each, \$10.00 per dozen, except where otherwise noted.

Betty Prior (*Plant Patent No. 340*)—Improved form of Else Poulsen. Outside of petals dark carmine, inside several shades lighter. Borne in large clusters on strong stems, very fragrant. Foliage pale green, tinted purple; very vigorous grower. Resistant to mildew and diseases.

Cheerio—Clear Mallow pink shading to a deeper Rose at the base of the petal. Reverse of the petal is a luminous Rose madder that is most effective. Quantities of brilliant double flowers in massive clusters.



Springtime

Eternal Youth (*Patent Rights Reserved*)—Color a soft pink with yellow at the base of each petal. When half open the flowers retain their high center and rich pink color. When fully open they expose a very large center of graceful deep yellow stamens. The clear pink color suffused with a touch of salmon does not fade at any time. Vigorous growth and very productive.

Red Velvet—The most magnificent red Rose that it has ever been our privilege to see, it is such a vivid rich crimson color. The flowers look like pieces of brilliant red velvet scattered around, and it is the type of Rose that will attract your attention the instant you enter the garden where it is growing. Vigorous grower and very free flowering.

Smiles (*Plant Patent No. 331*)—A lovely variety deserving the name. Brilliant salmon-pink flowers semi-double, 3 inches across, in great masses all the time and of great duration in all weather. Medium growing plants, branching with handsome foliage.

Springtime—A charming bedding Rose, apple blossom pink growing in graceful sprays. Semi-double blooms and most attractive either growing in a bed or as a cut-flower.

Sunmist—Clear light sulphur yellow shading in canary yellow at the base of the petal. Large imposing flower clusters. Unsurpassed for massing in beds or borders. Graceful long pointed buds.

World's Fair (*Kordes 1939*)—Ideal bushy plants just about hide themselves under clusters of large, velvety blooms of blackish scarlet, the fragrant petals surrounding a glowing mass of golden stamens.

DWARF POLYANTHA or BABY RAMBLER ROSES

These were the original type of Polyantha Roses from which the Floribundas have developed. Dwarfier in growth and larger in the individual flowers in some instances. No special culture or soil is required to have these Baby Rambler Roses give you good results. They flower practically the entire season and prove generally satisfactory wherever grown.

Dormant plants, delivery up to May 1st—Price: \$1.00 each, \$10.00 per dozen.

Plants from 6-inch pots, delivery May 1st onwards—Price: \$1.10 each, \$11.00 per dozen.

Baby Chateau—The flowers are large, semi-double produced in large clusters, velvety dark red in color, reminding one somewhat of the popular Rose Chateau de Clos Vougeot. Dark, shiny foliage, a real acquisition.

Cecile Brunner—Sometimes called the Sweetheart, Mignon and several other names. Dainty miniature Rose of light pink in color. One of the best of the Polyanthas.

Else Poulsen—Flowers medium size, semi-double, lasting bright rose pink.

Improved Lafayette—Very profuse flowering, strong growing Polyantha. Crimson scarlet in the bud, expanding to rosy cerise when fully open. Individual flowers about the size of Paul Scarlet Climber.

SHRUB ROSES

Our offerings in this type are limited, but very dependable. As individual specimens or mixed in Shrubbery borders, the varieties listed below give grand results.

Price: \$1.00 each, \$10.00 per dozen.



Rose Lipstick

Hugonis—An early blooming Shrub Rose, covered with small single, pale yellow flowers. Attains height of five to six feet if allowed to grow along naturally.

Skyrocket—Everblooming Shrub Rose producing large flowering clusters the entire season of medium sized brilliant red blooms. Its sturdy upright habit makes it an ideal plant to use in combination with various Shrubs.

Lipstick—An everblooming Shrub Rose similar in habit to Skyrocket, producing enormous flower clusters during the whole season. The clusters consist of medium sized, single flowers, clear cerise with salmon shadings. The yellow stamens are especially attractive. A real addition to the Shrub border.

SINGLE ROSES

Dormant plants, delivery up to May 1st—Price: \$1.00 each, \$10.00 per dozen.

Plants from 6-inch pots, delivery May 1st onwards—Price: \$1.10 each, \$11.00 per dozen

Cecil—Very large single flowers of buttercup-yellow, containing five petals. Plant of splendid habit and growth.

Dainty Bess—One of the best known of the Single Roses. Soft rose-pink almost like a wild Rose except that it is distinctive by the large cluster of wine-colored stamens. A really gorgeous Rose, containing about six petals.

Innocence—Beautiful clear white flowers with wine-red stamens tipped with gold. Quite a large flower for this type of Rose, containing twelve petals.

Irish Fireflame—An orange-crimson flower shaded pink and gold. A marvelous grower and very fragrant, containing five petals.

THE TOTTY TEN

For customers not familiar with different varieties who wish to grow a collection of Roses and are confused by the number of names and varieties, we suggest the following "fool-proof" varieties:

RED

Etoile de Hollande
Glowing Carmine

YELLOW

Mme. P. S. DuPont
Golden Dawn

WHITE

Kaiserine
Mme. Jules Bouche

BRONZE

Condesa de Sastago
Mrs. Sam McGredy

PINK

Betty Uprichard
Pink Dawn

Special price when ordered as a collection only—\$8.00

Newer Varieties of Climbing Roses

Listed below are the more improved types of hardy CLIMBING ROSES including the EVERBLOOMING types introduced to date.



Blaze (Patent No. 10)—Everblooming Scarlet Climber. Combines the vigor, beauty and hardiness of Paul's Scarlet Climber with the everblooming qualities of a favorite Hybrid Tea Rose. Propagated from blooming wood only. **Price: \$1.00 each; \$10.00 per dozen.**

Easlea's Golden Rambler (Plant Patent No. 114)—A very vigorous growing butter-yellow Rose occasionally splashed crimson over the petals. Rich, olive green foliage and red flowering wood present a very striking effect when the plant is in flower. **Price: \$1.50 per plant; \$15.00 per dozen.**

The New Dawn (Patented)—The everblooming Dr. Van Fleet. This variety is identical with its parent in size, formation of bud and color, etc., but it flowers continuously throughout the Summer and Fall months. **Price: \$1.50 each; \$15.00 per dozen.**

Orange Everglow—One of the Brownell introductions described by him as "the finest of ever blooming Climbers featuring progress, beauty, fragrance and vigor in a dazzling Coppery-Orange color." This is the first Everblooming Climber to be introduced by the Brownells. **Price \$2.00 each; \$24.00 per dozen.**

Golden Glow (Patent No. 263)—A fine companion for the "Apricot Glow" since they were originated by the same grower. Very vigorous plants with semi-double flowers of pure bright yellow, growing in attractive clusters. **Price: \$1.00 each; \$10.00 per dozen.**

NOTE:

When ordering, if agreeable to you, will you kindly suggest a second choice on your order in case we are sold out of the original variety inquired for. If no second choice is suggested, we will assume a substitute is not desired by the purchaser.

Standard Varieties of Climbing Roses

Dormant plants, delivery up to May 1st—Price: \$1.00 each, \$10.00 per dozen. Plants from 6-inch pots, delivery May 1st onwards—Price: \$1.10 each, \$11.00 per dozen.

The following are a list of the older and more widely distributed varieties of Climbers.

American Beauty—The Climbing form of the old-fashioned and popular "American Beauty" Rose. Deep pink in color, but more highly prized on account of its very heavy fragrance.

American Pillar—Single flowered variety of great beauty. Flowers 3 to 4 inches across borne in immense clusters. Brilliant shade of pink with clear white eye; wonderfully decorative even when not in flower as the blooms are followed with brilliant red berries.

Bess Lovett—Large flowers of rich pink, cupped shaped, borne on long-stemmed clusters; sweetly fragrant. Very often referred to as American Beauty Climber.

Dr. Huey—Semi-double, rather large flowers of the very deepest crimson maroon, shaded black, an exquisite variety.

Dr. W. Van Fleet—Beautiful flesh pink, borne on long stems; buds long and pointed, plants very strong, brilliant dark glossy foliage, mildew proof, splendid for cutting.

Jacotte—Color shrimp pink or light salmon orange shaded golden yellow at base; flowers fully 2½ inches in diameter, delightfully scented; rich, dark green, glossy disease-resisting foliage.

Mary Wallace—A Pillar Rose growing 6 to 8 feet high, with large, glossy foliage blooming with great freedom in the Spring, and bearing quantities of flowers in the Spring and early Summer. Flowers about four inches across, semi-double, bright clear rose pink, with salmon base in the petals.

Mme. Gregoire Staechelin—The long pointed full fragrant flowers are crimson, and when fully opened are an iridescent pearl pink inside. It has been predicted that this variety is probably the pioneer of a new race.

Paul's Scarlet Climber—The flowers are medium in size, being semi-double and carry three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals.

Silver Moon—Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy green; stems of flowers very long and fragrance very lasting.

CLIMBING HYBRID TEA ROSES

Price: \$1.25 per plant, \$12.50 per dozen.

Mrs. Sam McGredy—Beautiful long-pointed buds opening to large double high-centered flowers of glistening scarlet-copper-orange with deep red shadings on the outside of the petals.

Sunburst—The bud is long and pointed and when first opening is a deep shade of orange-copper. When fully developed, in common

with almost all other yellow Roses, the color is somewhat lighter.

Talisman—Combinations of shadings of gold, apricot, yellow, deep pink and old rose. Long and well pointed bud, develops into full double flowers. Foliage, green and glossy.



Tree Rose

TREE ROSES

Price: \$5.00 each per plant, \$50.00 per dozen.

We have the finest collection of Tree Roses it is possible to procure in this country this season. These plants have been specially grown for us by an expert, and since good Tree Roses are very scarce, we would suggest that our customers place their order as early as possible for the quantity and colors desired.

Fine symmetrical standards 5 to 6 feet high in shades of *Pink, White, Red, Yellow and Vari-colored.*

TRIOGEN

The Finest All-Purpose
Spray, for Garden Use.

Small Kit—\$1.50

Makes 16 Quarts!



Easlea's
Golden
Rambler

DAHLIAS



Individual Plant—Mignon Dahlia

ORCHID FLOWERING DAHLIAS

(Tubers or Green Plants)

Price: 30c each, \$3.00 per dozen, \$20.00 per 100

Used as a cut-flower on a dinner or luncheon table, or in vases around a room, their graceful airiness is most pronounced. They are of the earliest possible culture, if they are planted and allowed to grow naturally, and will produce wonderful bushy plants, two to three feet in height literally covered with blossoms. Trimmed back, three or four main stems to a plant, and staked, larger sprays and better flowers will be produced. The graceful curve of the petal prompted the name Orchid Flowering.

Buttercup—A brilliant canary yellow form of the Orchid Flowering Dahlia.

Comet—Wine colored ground with silvery pink reverse.

SINGLE AND MINIATURES

(Green Plants Only)

Price: 50c each, \$5.00 per dozen, \$35.00 per 100, except where noted

Our list of Dahlias is not the largest you can find, but they are a little more unusual than the average types, and the list given below are both decorative and useful for cut flower purposes.

SINGLES

Bishop of Llandoff—Red.
Chancellor—Pink and dark bronze.
Paxitallis—Purple with white edge.
Tango Surprise—Bronze.

MINIATURES

Baby Royal—Pink and gold.
Emblem—Peach pink.
Fairy—Pink.
Scarlet Pimpernell—Brilliant red.

CUT FLOWER VARIETIES

(Green Plants Only)

Price: 35c each, \$3.50 per dozen, \$25.00 per 100

Newport Triumph—A very handsome, open center Dahlia of chamois pink. Has an open Daisy center and several rows of petals on the individual flower. Is an excellent keeper and shipper.

Newport Angel—An exact replica of the above, except in color, which is a pure, soft white.



DAHLIAS *(continued)*

DWARF DAHLIAS

(Green Plants Only)

Price: 30c each, \$3.00 per dozen, \$20.00 per 100

A new race of bedding Dahlias forming dwarf compact plants which bloom throughout the Summer until frost. Flowers are seldom over four inches in diameter, but are produced in great profusion.

Christine—Dainty pure white flowers of small size.

Roslie—Lilac Rose, very graceful grower.

Elsie—Deep golden yellow at center, passing to rich orange carmine towards the tips of the petals. The flowers are of good size and excellent semi-cactus form.

Gertrude—Clean sulphur yellow, very compact with flowers of good size.

Kate—Showy bright scarlet flowers of formal contour.

Ursula—Intense crimson informal decorative with carmine reverse. Flowers comparatively large.



Dwarf Dahlia



Mignon Dahlias

MIGNON DAHLIAS

These are unsurpassed for border plants where quantities of flowers are required during the Summer months. These single Dahlias attain a height of 15 to 18 inches and begin to flower in late June, continuing doing so until early frost.

(Tubers or Green Plants)

Price: 30c each, \$3.00 per dozen, \$20.00 per 100

Ibis—Buff ground, with peach-red reverse, overlaid nopal red. 3 feet.

Polly—Yellow ground with intense red reverse. 4 feet.

Starfish—Pale flesh ground with ruby reverse. 3 feet.

Pertaining Particularly to

ROSES

Like everyone else, we have been asked to conserve paper and, therefore, are not issuing a fall list so we ask our customers to retain this catalogue to use for their fall orders. We will have practically the same stock to offer this fall as in the spring but if a customer desires particular varieties that we do not list, it is nearly always possible to procure them from the introducers and make one shipment of their order. The proper time for planting Roses in the fall is after we have had sufficient frost to force all the sap back into the roots of the plants and in an average season this does not occur much before the second week in November. If we happen to have a very early fall and heavy frosts occur before that time, naturally, earlier delivery will be made on Rose plants.

We have many customers who look to us to supply their orders year after year so we spare neither time nor expense to have our stock of the highest quality and variety. We call your special attention to our list of Rose Novelties this year as they are about as fine as any we have ever sent out.

A FEW CULTURAL SUGGESTIONS

SOIL—Any good garden soil is suitable for Roses if it is well drained and rich in fertilizing elements. If you are planting dormant stock, it is usually done in late March and through the month of April. Be sure that the plants are well firmed in the soil and then cut them back about 6 inches from the ground. It is most important when plants are first set out that fresh manure *not* be used at the roots of the plant or it will burn the feeding roots that are just starting and eventually kill the plant. Hybrid Tea Roses can be planted 18 inches apart; Climbers 4 to 6 feet apart. When making a new Rose bed, have it at least 2½ to 3 feet deep. Place drainage at the bottom such as coal ashes, broken plaster or stones with inverted grass sod over it.

For all pests and diseases that attack Roses, there is nothing superior to Tri-ogen. Begin to spray early in the season with Tri-ogen and continue to apply about once every two weeks and your Roses will be something to be proud of.

FERTILIZER—Springfield Rose Food can be applied once a month; one handful to each bush, well raked in. If it is possible to procure some well rotted cow manure, it can be put on during August as

a mulch or if you prefer liquid cow manure diluted until it is the color of strong tea may be applied about one cupful to a bush twice a month until September 1st.

WATERING—Soak your bed well about every ten days but spray your plants about twice a week with as much force as possible with a nozzle on the hose. This helps control insects and keeps the wood soft enough to grow. It is necessary that this be done early in the morning so that the plants will not be wet over night.

CULTIVATION—Stir the soil frequently, but do not cultivate deeper than 2 to 3 inches as the fine feeding roots must not be disturbed.

PRUNING—The blooms must be cut off so as to induce new, strong shoots. The best shoots that make long-stemmed Roses come from the lowest 6 inches of the bush. Do not cut your blooms low after September 1st, as the new growth thereafter will be too soft to live over the winter.

WINTER PROTECTION—Before the ground freezes, the soil should be drawn up to the base of the plant in a mound 7 to 8 inches high. In extremely cold climates, as in Maine and Canada, even as high as 12 inches is not too much. In this case it is advisable to add extra soil. After the ground has frozen, cover the entire bed with straw or dry leaves, placing evergreen boughs on the top to prevent the leaves blowing away. Do not uncover too early, as the Spring sun and winds cause great damage. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy. Standard or Tree Roses must be carefully protected. After removing the soil from the side of the roots, bend the tree down, so as to place it in an improvised trench; then cover it with a heavy layer of soil.

After several heavy frosts have checked the growth of the plants usually the latter part of November, the Hybrid Teas, or Monthly Roses, should be pruned to a height of one and one-half feet from the ground; this will prevent the Winter winds from swaying the plants and consequently injuring the roots. Complete pruning should not be done until Spring about April 15th—after all danger of frosts has passed; then remove about one-half the mulch and two weeks later the balance. (In the South, little or no Winter protection is needed for either bush or climbing roses.)

About the time they are uncovered, cut off all dead wood and prune the live wood within a few inches of the ground for a few exhibition flowers and eight to twelve inches for a quantity of good flowers. Always cut to an out-pointing eye.

Naturally, with Hardy Climbing Roses, which are attached to supports, it is only necessary to cut out dead wood and to keep them thinned out and within bounds. It is well to remember that the long new canes will be the blooming wood in the succeeding Spring.

DELPHINIUMS



Collection of Hybrid Delphiniums

SPECIAL OFFER

A collection of fine field grown plants in an assortment of light and dark shades guaranteed to flower in your garden this year and give a magnificent display in June and intermittently throughout the summer and early fall.

Price: \$6.00 per dozen; \$40.00 per 100.

HARDY PERENNIALS

Varieties starred (*) are suitable for Rock Garden

Varieties daggered (†) are suitable for Cut Flowers

This is definitely a "Perennial" year!! Everyone is "garden-minded" but too busy to "fuss" with difficult plants — still we all want as much beauty as we can collect around us and Perennials are the answer. They furnish beauty in the garden and on the "home front" and in addition give quantities of cut flowers for all purposes! We endeavor to list the new and worthwhile types each year — and several have been added this season well worthy of attention.

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.



Anemone (Autumn Flowering)

ACHILLEA

*†**Ptarmica, the Pearl**—Small heads of pure white flowers, excellent for cutting. Blooms from midsummer to October. About 18 inches high.

ACONITUM (Monkshood)

†**Fischeri**—A fine hardy variety with dark blue flowers in September and October, 2-3 feet in height. The Aconitums do well in a shady or half shady location.

†**Sparks Variety**—The darkest blue of all, flowering in June and attaining a height of about 2½ feet. Does well in a shady or half shady location. Price: \$5.00 per dozen, \$35.00 per 100.

AETHIONEMA (The Stone Cress)

Dwarf Herbs and Sub-Shrubs, allied to Iberis, mostly with small narrow leaves. Blooming in May and June.

***Warley Rose**—A neat and compact Persian Candytuft with blue foliage and beautiful pink flowers, resembling a small Daphne. Price: 50c each, \$5.00 per dozen, \$35.00 per 100.

AJUGA

***Brockbanki**—Bronze foliage, with blue flowers. Height, 4 inches.

ALYSSUM (Rock Madwort)

***Saxatile Citrinum**—Light yellow form of Compactum. Identically the same habit of growth. An ideal plant for the early Spring garden. Height, 12 inches.

ANEMONE (Autumn Flowering) (Windflower)

One of the best of the Fall blooming plants, for use as cut-flowers or where one requires a show spot in the garden. These plants attain a height of from 4 to 4½ feet, and will do equally well in sun or shade; they bloom from early September until cut down by the frost.

†**Alice**—When the flowers first appear they look like Roses, and when they are expanded the silvery petals are suffused with bright carmine.

†**September Charm**—A lovely variety, a cross between Anemone Hupehensis and Japonica Queen Charlotte, combining the good qualities of both. Flowers of lovely silver-pink, shaded with rose and mauve, are produced in great profusion from September to hard frost. Height, 2 feet.

†**Whirlwind**—Semi-double, pure white.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.



Anthemis Moonlight

ANCHUSA (Alkanet)

- †**Barrelieri (Early Bugloss)**—A delightful early blue flower, more compact and bushy in growth than *Anchusa Italica*, *Dropmore*. Blooms in May and is covered with small, dark blue flowers with pinkish yellow throats. About 2½ feet high and thrives in full sun.
- †**Dropmore Variety**—Rich gentian blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden, June to August.
- *†**Myosotidiflora**—This Dwarf *Anchusa* comes into bloom in May, and continues blooming for about six weeks. The flowers somewhat resemble Forget-me-nots but are the brilliant blue of the tall *Anchusa*. It grows about 1 foot high and is admirably adapted to rock gardens or borders.

ANTHEMIS (Hardy Marguerite)

- †**Moonlight**—A fine compact and upright growing variety obtaining a height of 2 feet, and literally covered throughout the Summer months with quantities of pale lemon yellow Daisy-like flowers about 2½ inches in diameter. Excellent for cutting as well as fine showy variety for the hardy border. *Price*: 50c each, \$4.50 per dozen, \$30.00 per 100.

ARABIS (Rockeress)

- ***Florepleno**—Lovely double pure white blooms. When grown in mass it resembles a solid bed of Lily-of-the-Valley if one views it from a short distance. Flowers in early Spring. Height, 12 inches.
- ***Rosea**—Similar to *Florepleno* in habit of growth, but flowers a beautiful shade of pale pink.

ARTEMISIA

- †**Lactiflora**—One of the most useful tall plants we have blooming in

August and September. Grows about 4 feet high and makes a splendid foliage background for Phlox and Summer Lilies. The milk white bloom is borne on graceful sprays, producing a lacy effect.

- †***Silver King**—A very useful plant, growing about 3 feet high and blooming in early Summer. Producing beautiful sprays of mistlike flowers with silvery gray foliage adding an effect of lightness among the dark green foliage of the other Perennials in bloom at that time.

AQUILEGIA (Columbine)

(Illustrated on Page 35)

- †**Hybrids**—These charming colors run from light blue through all shades of light pink, creamy white, delicate lavender, to brilliant scarlet. When massed in mixed color in the Perennial border they give an effect of airy daintiness not surpassed by any other flower. Assorted colors only.
- †**Mrs. Scott Elliott's Hybrids**—Assorted shades of long spurred varieties.

ASTERS (Michaelmas Daisy)

Hardy Asters or Michaelmas Daisies come in practically every shade of color with some varieties very useful as cut-flower subjects. Since they are rampant growers it is not necessary to grow them in large quantities in order to have a splendid show during the month of September.

- †**Beechwood Challenger**—Absolutely a true red Aster, very fine sturdy grower, attaining a height of about 4 feet. The red color shows up in delightful contrast with the bright yellow center. Fine bushy upright grower. Absolutely disease resistant. *Price*: 50c each, \$4.00 per dozen, \$25 per 100.
- †**British Queen**—Soft lavender blue, semi-double, unusually large, open flowers with pale yellow center. A vigorous growing, well branched plant that comes into bloom early September. Height about 4 feet. Excellent for cutting and decorative work.
- †**Harrington's Pink**—The very handsomest pink hardy Aster, or Michaelmas Daisy introduced to date. Clear shining pink in color, making a magnificent foil for the many handsome blue and white varieties already in cultivation. Large flowers of bright dainty pink, attaining a height of about two or two and a half feet.
- †**Mount Everest**—A wonderful white Aster. It forms very tall, well shaped, pointed pyramids with an abundance of lateral growths which flower right down to the ground. The flowers are large and dead white with a very small eye. Healthy foliage. 3-4 feet.
- †**Red Rover**—Rich deep wine red. Looks like double flowers when first opening, but forming a distinctive cup with gold disk at the bottom when fully mature. A very strong grower.
- *†**Star of Wartburg**—A giant form with large individual flowers on fine strong, erect stems a foot high. Blooms very early and makes a fine display with its dark Lilac-blue flowers with orange center.
- ***Survivor (Patent pending)**—This novelty introduced for 1942 received the "Award of Merit" at the Harvest Show of the Massachusetts Horticultural Society in 1940 and, among 400 varieties in the testing garden, it was the outstanding plant. "Survivor" is superior to the popular "Harrington's Pink" because it flowers later in the season extending the season two weeks longer, has larger flowers of the same bright Rose-Pink color and the plants have more open habit of growth. *Price*: 60c each, \$5.00 per dozen.
- *†**Violetta**—The finest blue Aster in a collection of 425 varieties. Flowers from the ground up, unlike other types of Hardy Asters, and is a rich violet blue in color. A splendid cut flower as well as a beautiful subject for mass effect. Height 3 feet. Flowering in September and October. *Price*: 50c each, \$5.00 per dozen, \$35.00 per 100.
- *†**Wonder of Staefa**—Exceptionally large flowers, almost 2½ inches across, of a soft wisteria-violet shade, with large yellow centers. This Aster has a longer blooming period than any other variety, flowering from late August to frost. The habit of growth is open and branched, so that the individual flowers are displayed to their fullest beauty. We consider it, both for cutting and table decorations, the finest Aster introduced.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

DWARF HYBRID BORDER ASTERS

These Asters make magnificent border subjects and are splendidly adapted for rock garden work since they only attain a height of about 9 inches and are absolutely covered with flowers during the month of September. They are an acquisition to rock garden enthusiasts on account of their magnificent colors and free flowering habit. Also they are in flower at a time when flowers in the rock garden are scarce.

***Nancy**—Of dwarf bushy habit and very free-flowering, the plants being covered with pale flesh-pink flowers toward the end of September and early October. 9 inches.

***Niobe**—Brilliant white flowers growing in a perfect ball about 9 inches high. Flowering in September and October.

***Victor**—The dwarfiest of all and very pretty. The flowers are of good size and of a beautiful clear pale lavender-blue; a charming rock-plant, flowering mid-September. 6 inches.

ASTILBE—See *Spiraeas*

BAPTISIA (False-Indigo)

†**Australis**—Very attractive dark blue, pea shaped flowers in long curving racemes, somewhat similar to Lupines, but more hardy in every way. Blooms in June and is about 2 feet high. Suitable for the hardy border or wild garden and not at all particular as to soil requirements.

BOLTONIA (False-camomile)

†**Asteroides**—Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies. 5 to 6 feet.

†**Latisquama**—Beautiful pink flowers. Same type as above. 5 feet.

BEGONIA

†**Evansiana**—A perfectly hardy Begonia which will live outdoors during the winter if protected with just a few leaves. Showy pink flowers borne with the greatest profusion during September and October. Exceptionally nice plant for all summer bloom in shady locations. Height about 2 to 2½ feet.

Just before going dormant several dozens of small bulblets, which form on the stem, drop to the ground. These come up in the Spring and help to spread the colony of bulbs very rapidly. No care need be given these young bulbs. They handle themselves beautifully.

BUDDLEIA (Butterfly Bush)

†**"Charming"**—Vigorous and very free flowering, producing a profusion of large lavender pink trusses continuously throughout the Summer. A striking ornament for the garden, also extremely valuable as a late Summer cut-flower. Small young plants set out in the Spring quickly grow to a height of 4 to 6 feet and of about the same diameter. Few other plants have attracted as much attention and favorable comment when shown for the first time. We suggest the pinching off in July of the first flower spikes showing, to aid the development of side shoots, which will bring better flowers later in the season. Price: 50c per plant, \$5.00 per dozen.

†**Dubonnet**—Color is an exact counterpart of the popular French Wine Dubonnet, a shade which has recently been popularized in dress fabrics. In sunshine and under the lamp it glows almost a true red. The firm cylindrical spikes are snugly set with individual flowers of good size that do not sunburn. The plant is of robust erect growth with strong stems; the leaves are large and of firm leathery texture. A good late Summer cut-flower harmonizing well with other outdoor blooms. Price: 50c per plant, \$5.00 per dozen.

†**Fascinating**—A beautiful new Buddleia bearing immense blooms of soft Cattleya pink or orchid. This handsome strong growing shrub flowers profusely throughout the summer and autumn, and its huge round trusses of flowers, 12 to 18 inches long, make it a conspicuous subject. The more the flowers are cut the more new ones appear. Like other Buddleias this new variety attracts a great many butterflies, adding to its charm in the garden. Price: 75c each, \$7.50 per dozen.

†**Flaming Violet** (Patent No. 519)—The finest and most brilliant of all Buddleias. Immense spikes of flaming Violet or imperial purple, intensely brilliant and sparkling with a fiery glow rarely seen in flowers. Flower trusses are unusually large, measuring 12 to 15 inches long. Individual flowers are spaced closely and open practically all at the same time. They last a long time in bloom on the shrub as well as when cut and placed in water. The plant is vigorous, strong, and upright in growth. Flowers throughout the summer and autumn. Price: \$1.00 each, \$10.00 per dozen.

†**Orchid Beauty**—A splendid new variety of soft cattleya-lilac with a brilliant orange eye. Somewhat similar in color to the well-known variety "Fortune" but differing from it by having long, tapering spikes, similar in form and size to the popular "Charming." A real addition to the Buddleia list. Price: 75c each, \$7.50 per dozen.

†**Royal Red**—The result of eight years of extensive breeding work. As a Hardy plant for cut flower purposes in the summer it is unsurpassed for beauty and usefulness. It can be grown as an ornamental lawn shrub and from early July to late frost this plant will produce an abundance of rich red panicles attracting instant attention. Grows about six feet high with deep leathery green foliage. All plants we offer will flower the first season. Price: 75c each, \$7.50 per dozen.



Long-Spurred Hybrid Aquilegia

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

BUDDLEIA (Continued)

†**White Bouquet** (*Patent Rights Reserved*)—Very fragrant and the dark green foliage has a lovely silvery sheen, a perfect setting for the blooms. The white seedling of the popular "Ile de France" and just as hardy. This was a long wanted Shrub, because white in the garden during the Summer months is very much sought after, and this variety flowers from July until frost and will give quantities of cut flowers for the home. The long, graceful sprays are very decorative and a delightful acquisition in bouquets with other Summer flowers. (2½" pot plants for Spring delivery.) **Price:** 75c each, 3 plants for \$2.00, 12 plants for \$7.50.

CAMPANULAS (Canterbury-bells or Bellflower)

These lovely flowers have a great variety of color and form and the taller varieties are useful for cut-flowers as well as in the hardy border.

†**Blue Spire**—A very fine novelty plant with large bright lavender blue double flowers, 2-3 inches across. Excellent for border and cutting. Clean foliage. Blooms in June and July. Average height about 2 feet. This is a persicifolia type, much like Moerheimi—and and hardy. Certainly worth growing. **Price:** 50c each \$5.00 per dozen, \$35.00 per 100.

†**Cup and Saucer Variety**—Blue, rose and white shades. Flowering in June and early July. Height 2 feet. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.

***Garganica**—A very choice gem for the Rock Garden. It is very hardy, blooms from late June to September. Is a heavenly blue, and has trailing habits of growth, but at the same time is neat. The foliage is almost as distinctive and attractive as the flower; 3 to 6 inches high. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.

†**Misty Morn**—This novelty introduction has 30-inch, spire-like flower stems covered with double lavender blue bells. The soft, silver shade of the flowers gives them a frosty appearance. We consider "Misty Morn" far superior to any double Campanula bells now in cultivation, a magnificent plant for the garden and superb as a cut-flower subject. **Price:** 60c each, \$5.00 per dozen.

Six Hills Giant—This novelty introduction for this year is a very fine grower attaining a height of about three feet. Flower stems are covered their entire length with beautiful pale blue flowers which are starlike and saucer shape. Does just as well in light shade as in full sun and is hardy anywhere. **Price:** 60c each, \$5.00 per dozen.

†**Telham Beauty White**—Pure white form of "Telham Beauty."

†**Double Blue**—Deep blue form of the above. **Price:** 50c each, \$5.00 per dozen.

CATANANCHE (Cupid's Dart)

Narrow grayish leaves, long stalked blue heads of flowers. Used often for winter bouquets.

†**Caerulea**—Profuse heads of deep blue flowers on long stems. Excellent cut flower subject, flowering July, August, and September, on stems about 18 inches high.

CENTAUREA (Knapweed)

†**Montana**—The Perennial Cornflower. Grows about 2 feet high, bearing large violet-blue flowers from July to September. An excellent carrying color in the garden.

CHELONE (Shellflower)

†**Barbata**—Hardy border Perennial of Penstemon-like habit, producing long spikes of brilliant, scarlet flowers. Has not been grown very extensively in this country as yet. Height, 3 feet. July to September.

***Lyonii**—An old-fashioned Perennial that grows beautifully in acid soil, attaining a height of about two feet and producing pink flowers in late Summer and Fall.

CHRYSANTHEMUM MAXIMUM

(Shasta Daisy)

†**Chiffon**—A daintily frilled Shasta which grows 18 inches tall. The flowers are formed by a double row of narrow petals, frilled and flared at the edges. The center is a clear yellow. The flower is about 3 inches across. The general effect in the garden and in a vase is one of light airiness and pleasing daintiness.

†**Conqueror**—The finest of the Chrysanthemum Maximum type, with extremely large flowers.

†**Esther Read**—Very large full double Anemone type, flowers of pure white, rare and unusual, flowering early in the year and continuing to do so until heavy frosts. The finest herbaceous plant that has been introduced in many years. Awarded prizes too numerous to mention. **Price:** 50c each, \$5.00 per dozen.

CONVALLARIA (Lily-of-the-Valley)

The most familiar hardy perennial we list. An excellent plant for shady situations. Spikes from 8 to 10 inches high. Small, bell shaped pure white flowers, blooming in early Summer. Very fragrant.



Campanula "Misty Morn"

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

†COREOPSIS (Tickseed)

*Golden Shower—Covered the entire season with small star-like golden yellow flowers against the dark green foliage. Individual flowers about 1½ inches across and this particular variety is a very useful and ornamental subject. 2 feet tall. Price: 50c per plant, \$5.00 per dozen, \$35.00 per 100.

†Lanceolata Grandiflora—Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation. Height, 3 feet. June to September.

DAPHNE (Garlandflower)

*Cneorum—The gem of rock garden shrubs, blooming heavily twice in the season with clusters of Arbutus-like flowers, scented sweetly. 6 to 9-inch spread, 75c each, \$7.50 per dozen. 9 to 12-inch spread, \$1.00 each, \$10.00 per dozen.

DELPHINIUMS

†SIR GALAHAD TYPE

This is the pure white strain that originated on the Pacific Coast. Magnificent spires of pure white double flowers of enormous size. Price: \$1.00 per plant, \$10.00 per dozen.

†SELECTED SORTS

These can also be had in individual colors. That is, if the customer wishes light blue or dark blue flowers for certain places in the garden, they may specify their choice in ordering. Price: \$1.00 per plant, \$10.00 per dozen.

†FIELD GROWN CLUMPS

These are very fine types and colors but it is not possible to procure them in individual colors. In other words, they are an assortment of light and dark shades and we would not be in a position to designate just how many of one shade you would get, but where display of flowers is required in your garden and you are not particular as to the individual colors of the same, these plants are ideal for the purpose. Price: 75c per plant, \$7.50 per dozen, \$45.00 per 100.

OTHER TYPES

†BELLADONNA

Sky blue, beautiful sprays; large flowers with white centers, one of the best known. Height, 2 to 3 feet. Blooming June and July.

†BELLAMOSA

Deep rich blue form of Belladonna. Flowers produced on long sprays throughout the entire Summer. Height, 2½ to 3 feet.

*CHINENSE BLUE

Clear bright Chinense blue, a splendid carrying color in the garden. 20 to 24 inches high. Blooms June to frost.

DIANTHUS

(Hardy Garden Carnations)

"Garden Pinks," as most frequently described, are becoming very popular. They begin to flower in late May and continue to do so profusely throughout the season, if not permitted to go to seed. While not as large in flower as the greenhouse types, they are nice cut-flower specimens and very fragrant.

†Beatrix—Beautiful deep salmon pink in color. Individual flowers about the size of a 50c piece, and freely produced in May and June. Very fragrant.

†Old Spice (Patent 499)—This Novelty Hybrid Dianthus possesses all the good qualities asked for in a plant. It is as hardy as an oak tree with the habit of growth neat, cushion-like and compact on

stems twelve inches tall. Flowers prolifically over long period with twenty or more flowers on a single plant. Color of these beautiful, molded flowers is rich Salmon-Pink, almost the same shade as the greenhouse Carnation "Laddie." Calyx does not split and all flowers are perfectly formed. The spicy Carnation fragrance will delight you, particularly when used as a cut flower subject. They last a week or more in water. (Illustrated on previous page). Price: 60c each, \$5.00 per dozen.



Dianthus Old Spice

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

DIANTHUS (Continued)

*†**Plumaris (Perpetual Pink)**—The old-fashioned hardy pinks with that elusive spicy clove fragrance. They range from white with red eye to deep pink. These delightful plants require well-drained soil and full sun.

†**Scarlet King**—This plant produces uncommonly large solid double vivid scarlet flowers on stems 12 to 14 inches in length. This variety bears the closest resemblance to quality greenhouse Carnations that can be purchased. An outstanding feature of this variety is that small pot plants set out in Mid-May will be producing flowers within five or six weeks after that time. When it begins to flower in a very short season, the entire plant will be covered with glowing scarlet flowers suited perfectly for cut flower purposes. It is one of the choice plants in the Hardy Garden and produces heavy crops of flowers for many years. The plants are very hardy and winter does not seem to set them back and they will continue to give the grower a large crop of flowers for many years. **Price: 2½-inch pot plants 50c each, \$5.00 per dozen.**

†**Scotch Pinks—Scotticus Double Mixed**—Larger flowers than Plumarius on taller growing plants. A wide variety of beautiful colors and dainty cut flower subjects.

*†**Silvermine**—Pure white sport of "Beatrix" with much larger flowers. Very healthy foliage and habit of growth as well as being extremely fragrant. Height, 12 inches. **Price: 50c each, \$5.00 per dozen, \$35.00 per 100.**

DICTAMNUS (Gasplant or Burningbush)

An old garden favorite which has a strong smell of lemon and will sometimes give a flash of light on a sultry Summer evening when a lighted match is held near the flowers. Succeeds well in partial shade or full sun. Should not be moved after once established.

†**Fraxinella Rubra**—Rosy pink blooms in early Spring; glossy, handsome foliage throughout the season. 3 feet high, suitable for border or specimen plant. **Price: 60c per plant, \$6.00 per dozen.**

†**Fraxinella Alba**—Pure white form of above. **Price: 60c per plant, \$6.00 per dozen.**

DIELYTRA (Bleeding Heart)

***Eximia (Fringed Bleeding Heart)**—A dwarf Bleeding Heart that literally blooms all season. It grows about 12 to 15 inches high, has very finely cut foliage, and graceful racemes of pink, heart-shaped flowers. It comes into bloom in May and flowers until late October.

†**Spectabilis**—Graceful, heart-shaped, pink flowers; one of the choicest memories of old-fashioned gardens. Especially valuable for planting in shady spots. 2 feet. April and May. **Price: 60c per plant, \$6.00 per dozen.**

DIGITALIS (Foxglove)

A very attractive addition to the herbaceous border, thriving in sun or partial shade in light, rich loam. Blooming in June and July.

†**Giant Shirley**—Magnificent strain of assorted foxglove attaining a height of 5 to 7 feet and flowers in the month of June.

†**Gloxiniaeflora**—Assorted shades of purple, rose and white. June flowering.

†**Grandiflora**—The hardy yellow variety.

†**Isabellina**—A lovely shade of creamy yellow. A handsome variety that is in great demand.

†**Maculata Superba**—The variety with the spotted flowers. A very fine type.

†**Montrosa**—Extremely large flowers in assorted shades of color.

DORONICUM (Leopardbane)

*†**Caucasicum**—A very showy Daisy-like flower of clear bright yellow, blooming in April and May. The most pleasing color scheme results when this is planted with Phlox Divaricata Laphamii. Very hardy and succeeds well in full sun or semi-shade. Height 1½ feet.

ECHINOPS (The Globe Thistle)

†**Ritro**—Small, round globular flowers with sharp points like a thistle which form into metallic blue flowers on plants 2 to 3 feet high and are wonderful for accent in any garden.

EUPATORIUM (Hardy Ageratum)

*†**Conoclinium or Coelestinum**—A splendid border plant with lavender blue Ageratum-like flowers, adding blue to the border from August to frost. 1½ to 2 feet high.

EUPHORBIA (Flowering Spurge)

†**Corollata**—A tall growing, fine branching plant covered from June to August with dainty white flowers which can be used in place of Baby's Breath for making bouquets. A perfect and useful garden plant of stately dignity covered with masses of white blooms enhanced by attractive foliage.

ERIGERON (Fleabane)

A very fine hardy Perennial growing about 18 inches high, and in June and July bearing a profusion of Aster-like flowers. Showy in the border and unexcelled for cutting.

*†**Speciosus (The Midsummer Daisy)**—Large clear pale mauve flowers with bright golden centers. Excellent for cutting. Height, 18 inches.

*FUCHSIA

*†**Magellanica**—Very hardy, flowering the whole season long until stopped by frost. Ruby red pendulant flowers. These flowers do just as well in the sun as in the shade. Suitable for both hardy border and rock garden work. Suggested for growing in solid beds in shady places. **Price: 50c per plant, \$4.50 per dozen, \$30.00 per 100.**

FUNKIA (Plantain Lily)

†***Lancifolia**—Very useful for borders and in partial shade. Late in season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches, but flower stalks will run up to about 2 feet.

†**Subcordata Grandiflora**—The "August Lily." Fragrant, pure white, Lily-like flowers, flowering in August and September. Does well in partial shade; has very handsome foliage. Height, 2 to 2½ feet. **Price: 50c per plant, \$5.00 per dozen.**



Fuchsia Magellanica

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

GAILLARDIA (*Blanketflower*)

- †**Dazzler**—Large golden yellow and maroon flowers on long wiry stems about 18 inches in height.
- †**Golden Goddess**—The finest yellow Gaillardia in existence, ever-blooming and prolific growth. The flowers appear on stems about 2 feet long, which make them ideal for cut flower subjects. A true golden yellow color with individual flowers about 4 to 6 inches across. **Price:** 50c per plant, \$5.00 per dozen, \$35.00 per 100.
- †**Grandiflora**—One of the best known Hardy Perennials, growing to a height of about 20 inches. Blooms from early June until frost. Flowers rich red brown, edges of petals bright golden yellow.
- †**Mr. Sherbrook**—Golden yellow flowers without any marking of any other kind. The individual flowers are around 2½ inches across, with a yellow cushion in the center. A lovely garden subject, since it is very free flowering and continues to give quantities of flowers from June until frost.
- †**Tangerine**—A beautiful vivid tangerine orange in shade with a height of about 2 feet and a charming cut flower subject.

GEUM (*Avens*)

- *†**Borisii**—A new variety of dwarf habit with warm, blood orange flowers on 8 to 10-inch stems. Free flowering from May to July, and often again in the Fall.
- *†**Dolly North**—Lighter orange variation of the well-known "Princess Juliana." Flowers are smaller but borne in great profusion and in a gay airy manner. Individual flowers about 1½ inches in diameter on flowering spikes 18 inches tall. Blooms profusely in May and June and periodically throughout the balance of the Summer. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.
- *†**Mrs. Bradshaw**—A new, large, double, scarlet variety, blooming the greater part of the Summer and Fall. Height, 15 inches.
- *†**Red Wings**—Brilliant strawberry red with yellow anthers. Semi-double flowers 2 inches across produced profusely in May and June and intermittently throughout the Summer. Foliage 6 to 8 inches high and flowers on stems 20 to 24 inches. Where warm red color is desired in the early Summer garden, this Geum is strongly recommended. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.
- *†**Wilton Ruby**—The most outstanding novelty for 1942. It resembles "Fire Opal" in growth and hardiness, but the color is an unusual dark ruby-red. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.

GYPSOPHILA

- †**Bristol Fairy**—Bristol Fairy has all the virtues of the popular Gypsophila paniculata, flore-pleno as a garden and landscape subject. It is sturdier, more graceful, and has much more distinct white flowers. Best of all it is an all-Summer plant, blooming periodically from June till frost. **Price:** 50c per plant, \$5.00 per dozen.
- †***Repens Bodgeri**—This dwarf Baby's Breath attains a height of about twelve inches, producing double white flowers from early spring until late fall. Fills in beautifully between groups of the tall growing Bristol Fairy.
- *†**Rosy Veil**—Introduced into this country from Europe. Flowers of this variety are decidedly pink. Dwarf grower.

†HELENIUM (*Helenflower*)

This magnificent Perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful yellow to bronze colored flowers.

- †**Autumnale Superbum**—Broad, spreading heads, deep golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.
- Autumnale Rubrum**—Similar to Superbum, but has bright, terracotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

†HESPERIS (*Sweet Rocket*)

Showy, terminal, pyramidal, fragrant spikes, resembling stocks; blooming from June to August. Splendid for naturalizing in semi-shady places. 2 to 3 feet. In separated colors—lavender and white.



Hemerocallis (Lemon Lilies)

HEMEROCALLIS (Lemon Lilies)

Hardy Perennials of the Lily family. Great favorites in all gardens on account of their extreme hardiness and choice flowers. Will grow in partial shade or full sun equally well. If plants are lifted and divided every third year they give much better results than if left in one location indefinitely.

- †**Bagdad**—A very rich orange brown with red tones. Flowering in June and July. 4 feet high. **Price:** 60c each, \$6.00 per dozen.
- †**Bijou**—Orange yellow overcast with rich blood red. Flowering June and July. 2½ feet high. **Price:** \$1.50 each, \$15.00 per dozen.
- †**Calypso**—A clear lemon yellow variety with extremely large sized flowers. An evening bloomer. Flowering July and August, 3½ feet high. **Price:** 50c each, \$5.00 per dozen.
- †**Cissy Guiseppi**—Deep coppery rose red with a pale yellow throat, flowering July and August, attaining a height of about 2½ feet. **Price:** \$1.00 each, \$10.00 per dozen.
- †**Cinnabar**—Cadmium yellow sprinkled rose brown. Flowering July and August. 2½ feet high. **Price:** 50c each, \$5.00 per dozen.
- †**Cressida**—This is a true orange color, blooming July and August. 3 feet high.
- †**Dauntless**—Pale Cadmium yellow with a greenish throat and a touch of saffron on each petal. Flowering July. 2½ feet high. **Price:** 75c each, \$7.50 per dozen.
- †**Dumortierii**—A bright orange. One of the dwarf varieties, being only 2 feet high and flowering May and June.
- †**Dover**—Deep golden yellow flowers produced in great profusion in late May and early June. Individual flowers about six inches in diameter. 2½ feet high.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

- †**Estmere**—Apricot yellow. One of the early flowering types. Maturing in May and June. 2½ feet high.
- †**Flava**—A lemon yellow. One of the fragrant types. Flowering May and June. 3 feet high.
- †**Florham (Golden Day-Lily)**—Golden yellow with Indian yellow shadings. June and July. 3 feet.
- †**Gloaming**—A yellow ground overcast reddish rose purple. Flowering July and August. 3½ feet high. **Price:** \$2.00 each, \$20.00 per dozen.
- †**Goldeni**—A smooth deep orange. Flowering in July. 3 feet high.
- †**Gloriana**—A large clear orange. Flowering in June. 3½ feet high. **Price:** \$1.00 each, \$10.00 per dozen.
- †**Hyperion**—A lovely citron yellow producing in large numbers on strong stems. The most popular pale yellow Hemerocallis grown today. Used frequently for cut flower purposes and delightfully fragrant. Blooms in July and early August. 3½ feet high. **Price:** 75c each, \$7.50 per dozen.
- †**Iris Perry**—A glistening orange overlaid bronzy yellow. Flowering July and August. 3 feet high. **Price:** 50c each, \$5.00 per dozen.
- †**J. S. Gaynor**—A soft orange apricot. Flowering July and August. 4 feet high. **Price:** 50c each, \$5.00 per dozen.
- †**J. R. Mann**—A frosted buff and yellow variety. Flowering June and July. 3½ feet high.
- †**Lemona**—Lemon yellow. Flowering July and August. 4 feet high.
- †**Modesty**—A very large pale yellow variety. In flower for a long season, beginning in May, continuing through June and part of July. 3 feet high.
- †**Mrs. W. M. Wyman**—A pale glistening yellow. Flowering in late August. 3½ feet high. **Price:** 50c each, \$5.00 per dozen.
- †**Ophir**—Large golden yellow, flowering in August. 4 feet high. **Price:** 50c each, \$5.00 per dozen.
- †**Patricia**—Very pale canary yellow with a beautiful greenish throat. Flowering in July. 3 feet high. **Price:** \$1.00 each, \$10.00 per dozen.
- †**Rajah**—Delicate orange-yellow with a zone of garnet red in center of flower. Flowering June and July. 3 feet high. **Price:** \$1.00 each, \$10.00 per dozen.
- †**Sir Michael Foster**—Beautiful apricot yellow flower with ruffled petals dipped with orange. Flowering June and July. 3 feet high. **Price:** 75c each, \$7.50 per dozen.
- †**Serenade**—Pale pastel shade of yellow overcast pink. Flowering in June. 4 feet high. **Price:** \$1.00 each, \$10.00 per dozen.
- †**Star of Gold**—Very pale yellow. Flowers of star-like form. Flowering July and August. 4 feet high. **Price:** \$2.00 each, \$20.00 per dozen.
- †**Thunbergi**—Lemon yellow. Flowering in July. 2 to 3 feet, depending on location where planted.
- †**The Gem**—Very large orange yellow flowers in full bloom with the Delphiniums about June 20th. Beautifully shaped blooms. 3½ to 4 feet high.
- †**Tangerine**—Chrome-orange yellow. Flowering in May and June. 2 feet high. **Price:** 75c each, \$7.50 per dozen.
- †**Wau-Bun**—Cadmium yellow with the outer half overcast a delicate shade of saffron red. Flowering July and August. 3 feet high. **Price:** \$1.50 each, \$15.00 per dozen.

HELIANTHUS (Sunflower)

- Coronation**—A beautiful subject for border decoration and extremely valuable for cutting. Produces large double flowers of rich yellow from August to October. Height 4 to 5 feet. **Price:** 50c a plant, \$5.00 a dozen, \$35.00 per 100.
- †**Loden Gold**—Large dahlia-like flowers of bright yellow. About 5 inches in diameter. When grown on a gravel-loam soil blooms develop to even greater perfection. If main flowers are cut when they mature, the side shoots develop perfectly and by this method the blooming season can be extended from July to very heavy frost. Height 4 to 5 feet. **Price:** 50c per plant, \$5.00 per dozen, \$35.00 per 100.
- †**Multiflorus Flora Plena**—Deep golden yellow with quilted petals, similar to a Dahlia. Height, 4-5 feet. Flowering August and September.



Hollyhock

HEUCHERA (Coralbell)

- Few hardy Perennials lend themselves to as many uses in the garden as Heuchera. It makes a beautiful border with its rosettes of heart-shaped leaves, that remain green most of the winter. From late June to September they send up slender spikes 18 inches high, covered with small bright coral bells. It is ideal in the rock garden and fills an important blooming period in the herbaceous border. As a cut-flower, it keeps well and is most attractive used with other flowers for a table decoration.
- †**La Perle**—A very beautiful shading from pale rose-pink to white. **Price:** 50c per plant, \$5.00 per dozen, \$35.00 per 100.
- *†**Pale Pink**—Very pale pink shade of this very popular Perennial. Flowers the entire season, and even when not in flower the foliage is most attractive.
- †**Rosamundi**—Beautiful shade of coral-pink. A fine strong grower. Disease resistant. Produces quantities of coral-pink blooms on strong stems, and flowers over 10 weeks. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.
- *†**Sanguinea**—Pale pink to vivid crimson.

*HOLLYHOCK (Double)

- No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower.
- Lilac**—A very enchanting shade of lilac-pink which causes quite a little comment in the average garden.
- Newport Pink**—A very beautiful shade of clear glistening pink.
- Deep Rose**—Old Rose shade.
- Large Double Scarlet**—One of our most popular varieties.
- Yellow**—Lemon shade of yellow.
- White**—A true pure white Hollyhock.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

IBERIS (Hardy Candytuft)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage is also quite ornamental, being evergreen most of the Winter.

***Sempervirens**—Pure white flowers which completely cover the plants in May. About 15 inches high, and splendid for edging borders and rock gardens.

***Snowflake**—Much more compact in growth than the Sempervirens with flowers almost three times as large and covering the plant completely when they bloom. A marvelous edging plant for walks or flower borders and a beautiful rock garden subject. **Price:** 50c per plant, \$5.00 per dozen, \$35.00 per 100.

IRIS KAEMPFERI—Standard Varieties

The showiest of the early Summer flowers in the garden. Magnificent flowers in beautiful shades of color and very useful as cut flowers. This is the one type of Iris on which lime should never be used.

†**Azure**—Double. Mauve-blue with wavy petals. The dark halo surrounding the yellow blotch at the base of the petals is most enchanting.

†**Blue Bird**—A fine rich blue variety of fine form and color.

†**Columbia**—A very striking double blue with pure white veins and yellow center.

†**Conspicuous**—Very strong growing, profuse bloomer of reddish violet.

Edith Wetmore—Single. The huge flowers which are of good substance are white, suffusing toward the edges to a soft royal-purple. Very beautiful and unusual.

†**Gold Bound**—Double. Large, double white enriched by a creamy glow, from the gold banded center.

†**La Favorite**—Large white with delicate veinings of blue and a great purple center.

†**Mount Hood**—Double. Light blue with darker shadings and bright orange center.

†**Pinnacle**—Double. Very deep mahogany, self color with light yellow center. Very attractive.

†**Purple and Gold**—Double. A striking violet purple with a conspicuous gold throat and bluish white rays.

†**Pyramid**—Double violet purple, veined white in center of each petal.

†**Violet Beauty**—Large, single flower of a rich, dark violet purple, with long, conspicuous yellow center and graceful, crepe-like texture. A tall growing variety, very showy in garden.

SIBERIAN IRIS

***Sibirica, Variety Orientalis**—These are grassy-leaved Irises retaining lovely flowering foliage throughout the season and blooming just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration. **White. Shades of Blue. Price:** 25c per plant, \$2.50 per dozen.

LAVANDULA (Sweet Lavendar)

***Lavandula Vera**—Sometimes called Spica or Officinalis, a shrub attaining a height of about 3 feet, producing lavender flowers later in the season, mostly grown for its fragrance or drying for Winter use. It is extensively used for rock gardens or as a border.

LILIES (Cultural Notes)

Most Lily bulbs may be planted in the Spring or Fall. The most important factor in growing Lilies is that they should have good drainage. Manure or commercial fertilizer should never be allowed to come in direct contact with the bulbs, as this is often the cause of rotting or disease. In planting, dig the hole 6 inches deeper than the bulb is to be set and place some well decomposed leafmold in the bottom of the hole. Over this, place an inch or two of sand. The bulb is then placed on its side on the sand. A mulch of peat moss or leaf-mold is very necessary during the Summer. With straw and leaves for winter covering.

†**Lilium Henryi**—Very similar to Speciosum except in coloring, which is a gorgeous orange yellow with a green stripe down the center of each petal. This Lily blooms in August and September, which makes it very valuable for the late Summer garden. It is perfectly hardy and has no particular soil requirements. Plant 10 inches deep. **Price:** 75c each, \$7.50 per dozen.

†**Regale or Myriophyllum**—Flowers white, slightly suffused pink, with a beautiful shade of canary yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy. Plant 8 inches deep. **Price:** Large size 75c each, \$7.50 per dozen.

†**Speciosum Rubrum Magnificum**—Always satisfactory in the Perennial border, perfectly hardy and blooming late into September. Flowers white, shaded and spotted with rose and very fragrant. A graceful stem, 3 to 4 feet high, carries from three to twelve beautiful blooms that open gradually, prolonging the blooming season. Plant 10 inches deep. **Price:** \$1.00 each, \$10.00 per dozen.

†**Lilium Tigrinum (Simplex Splendens)**—The well-known Tiger Lily that flourishes in all situations, is hardy and easily cultivated. Bright orange red flowers thickly dotted with purple spots. Admirably adapted for mass plantings against shrubbery. Blooms July and August. Plant 9 inches deep. **Price:** 50c each, \$5.00 per dozen.

LINUM (Flax)

***Perenne**—One of the most effective of the blue perennial flowers, growing about 18 inches high and flowers from May to July. When planted en masse, makes a very beautiful show of color.

LUPIN

†**Standard Sorts**—Effective plants with large spikes of flowers blooming profusely in May and June. They grow best in well-prepared garden soil, preferably in a semi-shady location. 3 feet. **Blue, White, Pink.**

LIATRIS (Blazing Star)

†**Squarosa**—Long spikes of brilliant lavender blue flowers surrounding the stemlike small thistles. Flowering in July and August when this particular color is lacking in the garden. Attains a height of about three feet and an excellent cut-flower subject.

†**Squarosa Alba**—Pure white form of the above. A most attractive spike of flower in the garden, and one that caused a great deal of comment this past season.



Iris Kaempferi

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

LIATRIS

*†**September Glory**—A very much improved late flowering form of *Salicaria*. Excellent cut flower subject to use in September.

LYTHRUM SALICARIA

†**The Beacon**—Outstanding for growing in a small border or for large mass plantings and does well in sun or partial shade. Blooms from July to September with bold spikes of brilliant red colored flowers and reddish-green foliage. Height, 4 feet. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.

MERTENSIA (*Virginia Bluebells*)

†**Virginica**—Blooms very early in the Spring, making a charming color scheme when planted with *Doronicum*. Flowers of bright blue, fading to pink and borne on graceful, drooping stems about 1½ feet high.

MONARDA (*Bergamot*)

†**Didyma**—Brilliant crimson-scarlet flowers produced on plants about 2½ to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

†**Lilacina** (*Lilac Bee-Balm*)—Lovely soft shade of lavender-blue flowers, about 2 feet high, flowering July to September.

*†**Salmonia** (*Salmon Bee Balm*)—Delightful salmon-pink flowers, about 2 feet high, flowering from July to September.

MYOSOTIS (*Forget-me-not*)

*†**Palustris Semperflorens**—No hardy flower is better known or appreciated than this light blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location, 6 inches.

NEPETA (*Ground-Ivy*)

*†**Mussini**—A most desirable border or rock plant with gray-green foliage and covered with masses of pale lavender blue flowers. Blooms from May to November if cut back once during mid-Summer. One foot high and has a spread of 12 to 15 inches. Is a splendid ground cover. Especially useful in dry, sunny slopes to prevent washing.

OENOTHERA (*Evening Primrose*)

Excellent for border and rock garden work as well as on the edges of paths, because they are continuous in bloom throughout the entire Summer. Do very well in sunny places.

*†**Fraseri**—Pale yellow bell-like flowers, flowering from June till October.

†**Illumination**—The florified Evening Primrose. The plant is a compact, neat grower with glossy green foliage, producing brilliant yellow masses of bloom in early summer and continuing to flower freely throughout the entire season. Its sturdy stems, clean-cut appearance and large flowerheads make it one of the best cut flower subjects in cultivation. Not at all particular as to soil, does well in any location. Height 30 to 36 inches. **Price:** 50c per plant, \$5.00 per dozen, \$35.00 per 100.

*†**Yellow River**—A very much improved form of *Oenothera* with larger flowers and longer blooming period. These Evening Primroses are rapidly becoming very popular. Height 15 inches. **Price:** 50c per plant, \$5.00 per dozen, \$35.00 per 100.

†**Youngi**—Produces bright lemon yellow flowers on stems 2 feet tall from June until August, strong, stocky, large-leaved plants with firm, shiny foliage.

PAEONIAS

The most popular time for planting Peonies is in late August but it is not always convenient for gardeners to take care of them at that time. For those gardeners we recommend spring planting when you are planting your garden for the season. The stock we offer is grown strictly for root production and while our list is limited, still in standard varieties they are a very good selection and can be recommended to give fine results. **Price:** \$1.00 per plant, \$10.00 per dozen.

†**Mons Jules Elie**—Bomb type; early mid-season. King of all Peonies. Color an ideal glossy lilac-pink, shading to a deeper rose at the base.

†**Edulis Superba**—Extra early, crown type, old-rose pink. Indispensable as an extra early deep pink commercial cut flower.

†**Mme. Jules Dessert**—Large, flat semi-rose type. Flowers are delicate flesh pink, shading to straw white.

†**Felix Crousse**—Large, typical bomb-type flower of clear, brilliant red, coming in late mid-season. The guard petals are prominent, surrounding a large globular center of even coloring.

†**Karl Rosenfeld**—A better Peony and a better quality of red than any of the older red sorts; pure, rich intense crimson of half-rose type. It makes and remains a splendid full rounded flower of excellent substance.

†**President Roosevelt**—Semi-rose type; mid-season. It is deep, rich, brilliant red in color, different from any red we know, and a grand Peony.

†**Mme. Ducel**—Pink of medium shade with silvery reflex. Bomb type resembling the famous *Mons Jules Elie*. Very desirable. Strong grower.

PACHYSANDRA (*Spurge*)

*†**Terminalis**—An evergreen ground cover unsurpassed for its adaptability to all situations and conditions. As a border for walks and drives it is most attractive. Also splendid for steep slopes in sun or shade, and for dense shade under any kind of trees. *Pachysandra* is the only plant to thrive under pine trees. It attains a height of about 8 inches. **Price:** \$2.00 per dozen, \$15.00 per 100.

†PAPAVER ORIENTALE (*Oriental Poppy*)

The true Oriental Poppy with extremely large blooms of brilliant crimson scarlet with rich purple blotches at the base of the petals. There is no Perennial that can equal this Poppy for brilliancy in the garden.

†**Mrs. Perry**—A very lovely shade of apricot pink. A most unique color and entirely distinct. Growing about 3 feet high, flowering in June and July.

†**Perry's White**—Pure white large Oriental Poppy with black blotch at the base. Attains a height of about 2½ feet. Flowering in June and July.

†**Salmon Glow**—This is an unusual offering because it is a true double salmon-orange Poppy with individual flowers 6 to 8 inches across. **Price:** \$1.00 each, \$10.00 per dozen.

†**Snowflake**—Lower half of the flower pure white, upper half flame-orange, creating a most unusual and brilliant effect. The orange band of the upper half of the petals varies considerably in width with each flower, helping to increase the charm of this rare variety. A strong grower and free bloomer. Insect and disease proof and one of the strongest growing varieties to date. Large flowers. Poppy "Snowflake" in your garden will create a sensation. **Price:** 60c each, \$5.50 per dozen.

Hybrids—These are the glowing red Oriental Poppies that are grown in such great profusion throughout the country. Very brilliant garden subjects.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

PENTSTEMON (*The Beard Tongue*)

Few Perennials offer the graceful showing in a garden that Pentstemons do. The small tubular flowers like miniature fox gloves in shape, grow on long spikes and flower from June until August. Most effective.

*†**Firebird**—Novelty 1942—This beauty came to us from Switzerland, where it is known as *Pentstemon Shonoholzerii*. The flowers are foxglove-like, on stems about 18 to 24 inches tall, and are fiery crimson overlaid with an orange sheen. The plant is easily grown, is free from insect pests, flowers freely, creates a brilliant effect in the flower garden, and is a cut flower par excellence. This plant is quite similar in growth to *Pentstemon Garnet*, flowering just as freely and is more hardy. **Price:** 60c each, \$5.00 per dozen.

*†**Garnet**—A new strain of hardy, large-flowering *Pentstemon*. "Garnet" is of spreading habit and produces a succession of bloom from June until frost. Gloxinea-like flowers of rich garnet color, gracefully placed on stems 12 to 18 inches tall. The plants have from six to a dozen spikes continually in flower. Excellent for cutting and last a week or more in water. **Price:** 50c each, \$4.50 per dozen, \$30.00 per 100.



Pentstemon Firebird

HARDY PHLOX

If you want to add zest to your summer garden, plant Phlox and plenty of them. Their brilliancy of color and long season of flower make them one of the most desirable of Perennials.

†**Apple Blossom**—A lovely apple blossom pink with a foliage clean and disease resistant. Firm flower spikes followed by side spikes of flowers that make this one of the nicest Phlox to grow in your garden. Individual flowers 2 to 2½ inches wide. Height, 3 feet. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.

†**Commander Koehl**—Dark blood-red. Large clusters of strong, tall stems. Individual flowers large, keeping their color in heat and rain. Flowering July and August, 2½ feet high.

†**Daily Sketch**—Extra large trusses and individual flowers; color light salmon-pink with very faint carmine-eye. An outstanding novelty.

†**Eva Foerster**—One of the truest shades of pink to be found in Phlox. Very much the color of ripe watermelon.

†**Flash**—One of the newer introductions. Fine brilliant red. An asset to any garden that requires brilliancy.

†**Harvest Fire**—Brilliant salmon orange. Very vigorous grower. One of the best Phlox varieties introduced in many years.

Leo Schlageter—Brilliant carmine with darker center; large trusses and a vigorous grower.

†**Lillian**—Very soft pink variety with pale blue eye which enhances its beauty to a great extent.

†**Mary Louise**—Large heads of pure waxy white flowers. Individual flowers very large, the best white flowers to date. Good grower with clean foliage flowering August and September. 2½ to 3 feet high.

†**Mrs. Sam McGredy**—An unusually fine Phlox, which we are sure will become very popular. The flowers are a pleasant soft mauve with a carmine eye, and the growth is strong and upright.

*†**Miss Lingard**—This is known as the early flowering Phlox, since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 feet. Color, pure white.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.



Phlox—Orange Beauty

†**Orange Beauty**—The nearest to a true orange in color that has ever been introduced in the Phlox family. Very brilliant in color and a grand grower. *Price:* 50c each, \$5.00 per dozen, \$35.00 per 100.

†**Painted Lady**—Delicate silver-pink with salmon shading and red eye. Flowering July and August, 3 feet high.

†**Progress**—The best blue Phlox in cultivation. Beautiful, large trusses of deep blue that surpasses any blue or lavender variety introduced up to this time. A handsome August flowering subject. *Price:* 50c each, \$5.00 per dozen, \$35.00 per 100.

Salmon Beauty—A rich salmon pink with large white eye. Very soft in tone but positive in effect. The individual flowers are 1½ to 2 inches across and the plants attain a height of about 30 inches. *Price:* 50c per plant, \$5.00 per dozen, \$35.00 per 100.

†**Salmon Glow**—Lively flame-pink, with salmon shades, softened with lilac and white tints at the center, the effect as a whole being a rich salmon. This new variety is extremely free flowering. July, throughout the season, 2 to 3 feet high.

†**Silverton**—Clear pale lavender, at first suffused light mauve, eye light phlox-purple with a halo. Of medium height and a strong grower, individual florets exceeding 1¾ inches. Mass effect, pale lavender-blue. *Price:* 50c each, \$5.00 per dozen, \$35.00 per 100.

†**Snowcap**—Broad pyramidal panicle, the large florets effectively arranged to form a huge cap of snowy white. Strong stem, medium to tall, outstanding for the size and excellent form of panicle. *Price:* 50c each, \$5.00 per dozen, \$35.00 per 100.

Thor—Deep salmon pink, suffused with a scarlet glow, somewhat lighter in mass effect than General Chanzy. Has unusual gardenesque value.

*PHLOX DIVARICATA

A Perennial Phlox of pure gentian blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in

front of Darwin Tulips, since it flowers in May and continues flowering until early July.

No other garden flower blooming at this season shows this rare and beautiful color.

A solid bed of Phlox is one of the most attractive sights in any garden and we cannot too strongly recommend everyone to try at least a few plants of this remarkable plant.

PHYSOSTEGIA

***Vivid**—A new dwarf growing variety, that attains a height of 18-22 inches, and is a marvelous improvement on any previous variety introduced. It is much deeper in color and has larger individual flowers. A splendid cut-flower.

PLATYCODON (Bellflower)

The Platycodons are closely allied to the Campanula and form neat, branched bushes of upright habit, 2 to 2½ feet high. Attractive blue flowers from July to October.

*†**Grandiflorum**—A beautiful, deep blue.

*†**Grandiflorum Album**—Beautiful pure white type of above. 2 feet.

PLUMBAGO (Leadwort)

***Larpentae**—A splendid border or rock plant with deep blue flowers, blooming in September and October; dwarf spreading habit, 8 to 10 inches high.

POLEMONIUM (Jacobs Ladder)

Blue Pearl—Has finely cut, deep green foliage and showy spikes of baby-blue flowers in April and May. Sun or shady places. Attains a height of 9 inches. There is no burning of foliage on this variety. *Price:* 50c each, \$5.00 per dozen.

PULMONARIA (Lung-wort)

***Saccharata**—An excellent plant for the satisfactory border and rock garden, growing about 12 to 14 inches high. Flowers resemble the Mertensia to a great extent. Lovely pink blooms on beautiful silvery spotted foliage.

PYRETHRUM (Persian or Painted Daisy)

One of the best Perennials in our list. It is perfectly hardy, will thrive in any garden soil and in any situation except in dense shade under trees. As a cut-flower it is unsurpassed in daintiness and keeping qualities. Blooms in May and June, and if cut back after first bloom will give flowers throughout the Summer and early Fall. Grows about 1½ to 2 feet high.

†**Single Mixed**—From pale pink to deepest crimson.

RUDBECKIA

†**Purpurea**—Large showy reddish purple flowers; 4 inches across, 3 feet. July to October.

SANTOLINA (Lavender Cotton)

***Chamaecyparissus Incana**—A shrubby evergreen Perennial with aromatic silvery-white foliage. Small yellow flowers in round heads. Useful for sunny border and rock gardens. Height, 1 foot.

SAPONARIA (Soap Flower)

***Ocymoides**—Border plant, growing about 6 inches high, producing masses of bright blue flowers from July to October.

SCABIOSA (Pincushion Flower)

†**Caucasica**—Sky blue flower, about 4 inches across, with tufted center, flowering from June to September and attains a height of about 18 inches. Splendid for cutting purposes.

(Illustrated on following page)

SEDUM (Stonecrop)

***Spectabile**—Most popular of all the Sedums, producing large, flat heads of rose-colored flowers 2 feet high. Mid-August to mid-September.

†**Vivid**—A much shorter growing variety than Spectabile with very deep colored flowers. Flowering late August to October. Height 18 inches.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.

SPIREAS (*Meadowsweet*)

Very showy plants, either planted in isolated clumps or intermingled with other herbaceous plants in the hardy border. They thrive well in any rich garden soil, but prefer damp positions. Very decorative with beautiful spikes of flower. **Price: 50c each, \$5.00 per dozen, \$35.00 per 100. (Except where noted.)**

†**America**—Beautiful Lilac pink in color. Height 2½ feet.

†**Fanal**—Beautiful feathery sprays of brilliant red. Easy to grow hardy variety that likes plenty of moisture as well as good rich soil. In bloom throughout May and June with flowering stalks about 15 inches in length. Where a red border plant is wanted, we strongly recommend this Spirea. Height 2½ feet. **Price: 75c per plant, \$7.50 per dozen.**

†**Granat**—Very strong growing variety with flower spikes of crimson red. Height 2½ feet.

†**Peach Blossom**—As its name implies, a graceful early pale pink in color. Height 2½ feet.

†**Salmon Queen**—What we consider the finest of all the clear salmon varieties on the market. Height 2½ feet.

SWEET WILLIAM—Finest mixed varieties

*†**Giant White**—A very fine large-flowered pure white variety.

*†**Newport Pink**—Color salmon or watermelon pink. Height, 12 to 18 inches.

STOKESIA (*The Cornflower Aster*)

†**Blue Moon**—It is of easy culture, a clean grower and flowers through-

out the Summer and Autumn until frost. It is not at all unusual to see vivid blue disc-like flowers five to six inches in diameter on stems twelve to eighteen inches long. **Price: 50c each, \$4.50 per dozen, \$30.00 per 100.**

***Cyanea Caerulea**—Very large lavender blue flowers blooming from early July until late October—succeeds well in open, sunny position. A very desirable border plant growing about 1½ to 2 feet high.

TEUCRIUM

***Chamaedrys**—Small shrub-like growth of shiny dark green leaves resembling dwarf Boxwood. Makes an excellent edging for a garden or border because it can be clipped to any height, up to 12 inches. For nice compact planting set out about 6 inches apart. Does best in full sun. **Price: 50c each, \$4.00 per dozen, \$25.00 per 100.**

THALICTRUM (*Meadow Rue*)

†**Adiantifolium**—The foliage resembles the maiden hair fern and the feathery white flowers are airy and graceful in the garden or in bouquets. Blooms June and July. Height, 2 feet. Prefers a rich loam and rather moist place.

TRITOMA (*Red Hot Poker*)

†**Galpini**—Orange-saffron flower spikes on plants 2 feet in height, flowering from July onward. Very dainty dwarf variety of Tritoma with graceful grass-like foliage. A very fine producer. **Price: 50c per plant, \$5.00 per dozen, \$35.00 per 100.**

†**Primrose Beauty**—*Novelty* 1942. The beautiful clear primrose yellow spikes produced by this plant are unique for their grace as well as their delightful color. They are faultlessly shaped and slightly arched, creating a charming effect. Primrose Beauty blooms in early summer, on spikes about 40 inches tall, lending a charm to the flower border few other plants can. **Price: 65c each, \$5.00 per dozen.**

†**Springtime** (*Patent No. 318*)—*Novelty* 1942. A fascinating hardy Tritoma which flowers in late June and early July. The upper part of the flower is a rich coral red, the lower half ivory yellow. These sparkling and clear contrasting colors hold one's attention in a pleasing manner. Springtime grows in all kinds of soil and has weathered these winter conditions without any protection. We recommend this novelty. It combines beautifully in the garden with pale blue Delphinium or pure white Regale Lilies which flower at the same time. A well established plant will produce as many as 10 to 15 flower spikes about 3 feet tall. They are very graceful and superb for cutting. **Price: 65c each, \$5.50 per dozen.**

†**Vanilla**—*Novelty* 1943. A dainty, exceedingly free flowering small Tritoma. The open flowers are clear pale yellow on stems about 24 inches tall. Foliage is grass-like and a fine base for the great number of flowers produced. It is not at all unusual to count 25 or more flower spikes on a single plant. At its best throughout June. Vanilla is a fine variety for garden decoration as well as for cutting. Last, but not least, it is perfectly hardy and in most extreme cold sections will winter over with very little protection. **Price: 65c each, \$5.00 per dozen.**

†**White Fairy**—*Novelty* 1943—A very dainty, free flowering small Tritoma. The pure white blossoms are open and graceful on thin stems about 24 inches tall. Foliage is grass-like and ornamental throughout the summer. A good companion to the variety Vanilla. In full bloom in June with 15 or 20 dainty spikes on each plant. Lovely "cool" flower in the garden and exceptionally good for cutting. It is perfectly hardy but advise a slight protection where temperatures go far below zero. **Price: 60c each, \$5.00 per dozen.**

TROLLIUS LEDEBOURI

*†**Golden Queen**—A very vigorous variety with unusually large flowers of a rich golden orange color. It flowers profusely both in early Summer and in Autumn. Does best in a deep rich soil with ample moisture. Beautiful planted in bold clumps. **Price: 50c each, \$5.00 per dozen.**

TUNICA

***Saxifraga Fl. Pl. rosea**—A dancing miniature of the beloved Baby's Breath in double form. Reigning gayly through the heat of the Summer.



Scabiosa (Pincushion Flower)

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.



Viola—Apricot Queen

VERONICA (Speedwell)

†**Blue Spire**—A hybrid of *Veronica Longifolia Subsessilis* and *Veronica Spicata* which has retained the glorious dark color of *Veronica Subsessilis*. Grows about two feet tall. Bushy habit, and a real addition to the Summer blues, which at this particular season are rather scarce. **Price:** 50c per plant, \$5.00 per dozen, \$35.00 per 100.

†**Longifolia Subsessilis**—This is one of the handsomest of the *Veronica* type. It has long spikes of a beautiful deep blue and is frequently used as a cut-flower. It attains a height of about 2 feet and flowers from July to September. **Price:** 50c each, \$5.00 per dozen, \$35.00 per 100.

†**Spicata Alba**—Long spikes of snowy white flowers blooming all Summer. An excellent variety for the middle of the hardy border. For best results the *Veronicas* should be lifted and divided every three years. Height, 2 ft.

VIOLA

*†**Apricot Queen**—A fascinating shade of apricot that compels the immediate attention and admiration of all who see it. The plant has a neat, compact habit of growth and blooms freely from Spring to October. The requirements for success in growing this charming *Viola* are to locate the plants in full sun and to shear them close to the ground twice during the season.

***Jersey Gem**—The peerless *Viola* that blooms from April until snow. Rich, dark violet color, with long stems and a delicious fragrance. It is perfectly hardy and will grow in any good garden soil, but must have full sun for best results.

†**Maggie Mott**—A very lovely shade of sky-blue *Viola*. Extremely large flowers and a nice compact growth. This is the variety seen in such great profusion in all English gardens. May not be hardy in all locations and a slight covering during the winter months is suggested. **Price:** 50c per plant, \$5.00 per dozen.

VIOLETS

***The King's Ermine**—A beautiful white hardy garden Violet coming into flower in early April, and continuing to bloom very freely for many weeks. Throat a rich purple.

***Rosina**—A small soft ripe pink Violet blooming freely in the Spring and again in the Autumn. Delightfully fragrant. While it will grow well in the full sun, it does best in partial shade.

*VINCA MINOR (Common Periwinkle)

One of the best evergreen ground covers making a thick trailing growth in two years. Blooms quite freely in early Spring and occasionally through the Summer.

***Bowles Variety**—A great improvement over any form of *Vincas* grown up to this time. The foliage is broader and of brilliant green. Plant is a strong grower and a very profuse bloomer. Flowers larger, of a deep blue shade.

YUCCA (Adam's Needle)

†**Filamentosa**—Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.

CLEMATIS (A GARDEN TREASURE)

The Clematis are becoming more popular each year since gardeners are beginning to understand their culture a little better. They are easily grown but do best in rich, well-drained loam to which has been added sand or peat moss. The collar of the plant should be set at least three inches below the surface of the soil and firm the soil well around the roots. Plants give much better results if they are watered frequently in very dry weather. Partial shade and a little lime applied to the soil occasionally is appreciated. Ideal for covering old stumps or stone walls. A selected list would be as follows (these are all two-year-old plants on their own roots).

LARGE FLOWERING

Price: \$1.00 per plant, \$10.00 per dozen except where noted.

Crimson King—Large, bright red.

Duchess of Edinburgh—Large, double white.

Henryi—The most popular large, single white in culture.

Jackmani—The popular large purple variety.

Lawsoniana—Large, clear blue.

Montana Rubens—Large, rosy red.

Ramona—The very popular light blue.

SMALL FLOWERING

Price: 75c each; \$7.50 per dozen except where noted

Crispa—A bell-shaped, bright blue, very lovely.

Texensis—Small, urn-shaped, bright red.

Paniculata—Small star-shaped, white, fragrant, flowers in late August. **Price:** 50c each; \$5.00 per dozen.

HARDY PERENNIALS (Continued)

Price: 35c per plant, \$3.50 per dozen, \$25.00 per 100. Except where noted.



Bignonia

FLOWERING SHRUBS

Indispensable for small homes

WIEGELA (*Bristol Ruby*) (Pat. No. 4692)

The originators of this variety describe it as follows: "A better 'Eva Rathke' has long been needed—Bristol Ruby is just that. Hardier and more vigorous, it makes a shapely thrifty plant with attractive rich green foliage. Color is a soft ruby-red shading to garnet-crimson; extremely pleasing in effect and without harsh tone. Attaining a height of 6 to 7 feet at maturity, it makes a perfectly formed, well-rounded specimen requiring very little pruning because it flowers well from old wood; no die-back or uneven growth at any time. The original is blooming in its twelfth year with never a miss or off season. Excellent reports from Vermont and other difficult regions fully substantiate our own estimate of its unusual hardiness. Bristol Ruby is definitely superior to Eva Rathke in every respect and customers are quick to note its better qualities." Price: 18" to 24", 60c each; \$5.50 per dozen; \$35.00 per hundred. 2'-3', 75c each; \$7.50 per dozen; \$40.00 per hundred. 3'-4', 90c each; \$9.00 per dozen; \$60.00 per hundred.

SPIREA

Japonica Coccinea—Similar in habit and growth to the Anthony Waterer. The flowers of this variety are much richer crimson-red. Ultimate height 30 to 36 inches. Price: 75c each, \$7.50 per dozen.

VIBURNUM (*Snowball*)

Burkwoodi—An improved Carlesi. Waxy blush-white, deliciously fragrant flowers are produced in early spring when the leaves are unfolding. They form round, domed clusters and their Gardenia-like fragrance perfumes the whole garden. Plant grows about 4 feet high and about 5 to 6 feet in diameter. Plant in a well drained, sunny place. See that plenty of moisture is applied throughout the season. This new jewel is a real aristocrat in the garden. Brilliant foliage in autumn. 18-24" bare root stock. Price: \$1.50 each, \$15.00 per dozen.

CLIMBING VINES

AMPELOPSIS

Ampelopsis Veitchii (*Boston Ivy*)—Useful in city or suburbs; its glossy foliage withstands dust and smoke well. Clings to bricks, walls, fences or rocks. Once established, forms a dense, rapid growth. Foliage turns to brilliant scarlet, crimson and orange in the Fall. Price: 3-year-old, 75c each; 2-year-old, 50c each.

BIGNONIA (*Trumpet Vine*)

†*Grandiflora*—A beautiful large flowering type of this very easy growing climber. Extremely large flowers of tawny orange produced continuously throughout the summer and early fall. Price: \$1.50 per plant, \$15.00 per dozen.

ENGLISH IVY

English Ivy—There is nothing superior to English Ivy growing over old stumps or on stone walls. Splendid 4-inch pots. Price: 50c each, \$5.00 per dozen.

LONICERA HECKROTTI

Goldflame Honeysuckle (*Trade Mark*)—A superlative variety; beautiful, hardy and versatile. The large flame-coral trumpets lined with gold, fragrant after nightfall, appear in immense, showy clusters the same year the plant is set out. Reaching its

full glory of bloom in early Summer, it nevertheless flowers abundantly from May until frost. Dark blue-green foliage, disease and pest free, is attractive in itself and makes a perfect background for the brilliance of the flowers.

Allowed to grow naturally, Goldflame will climb a trellis or spread as a ground cover, if pruned it becomes a striking specimen shrub, while if planted in a row and sheared it gives a smashing effect as an everblooming hedge. Price: 75c each, \$7.50 per dozen.

LONICERA HALLIANA

(*Hall's Evergreen Honeysuckle*)

One of the best vines for all purposes, blooms from early Summer to frost. Flowers yellow and white with a delightful fragrance. Very vigorous grower. Splendid covering for banks and slopes. 2-year-old plants. Price: 50c each, \$3.50 per dozen.

POLYGONUM AUBERTI

(*Silver Lace Vine*)

This vine produces a great profusion of foamy white flower sprays during the Fall, which often bloom in a limited way earlier in the season. It makes a strong, vigorous growth attaining a height of 25 feet, and is perfectly hardy. Price: 50c each, \$5.00 per dozen.

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Delivery will be made on all orders at the proper time for planting, providing no specific date is mentioned when ordering.

Plants that have grown too large or unsafe to move at a particular season will be reserved and shipped at the proper time.

Remittances should be made by check, post office order or express order. When not convenient to remit in this way the letter should be registered. We will not be responsible for the receipt of money not registered. On all shipments by parcel post the postage will be charged for.

Be sure that both postal and express addresses are mentioned. Frequently shipments requested to be sent by parcel post must be shipped by express due to over-weight when ready for delivery.

Orders for less than \$5.00 must be paid for in advance. When cash accompanies order a discount of 3% is allowed from the total amount of the order.

Accounts unpaid within 30 days are subject to sight draft without further notice and interest will be charged after that time.

Orders from customers in foreign countries must in all cases be accompanied by cash.

While we exercise every care in packing and have confidence in the safe arrival of shipments, all goods are forwarded at the purchaser's risk.

If found unsatisfactory on arrival return must be made to us immediately. Complaints on goods will not be accepted later than 30 days after arrival. No adjustment will be made after that time.

We endeavor to keep our plants true to name and maintain them satisfactory for the customer, but we will not be responsible for failure from causes over which we have no control; such as unfavorable weather conditions, careless culture, improper soil, etc. We assume no responsibility

after stock is delivered to customer in good condition.

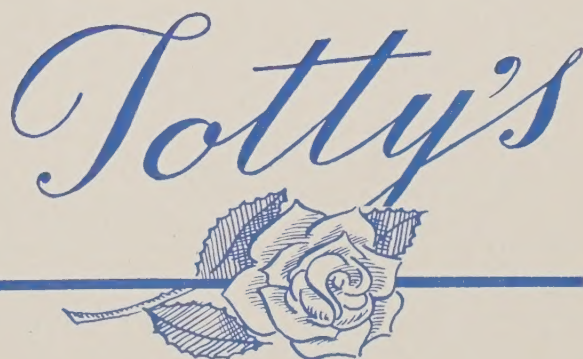
If the customer does not wish to accept the shipment under these conditions, we ask that the plants be returned to us immediately.

We endeavor to fill our orders in the rotation in which they are received, but sometimes slight delays are unavoidable. A great deal of trouble can be avoided if customers will state specifically the date on which they are ready to plant and give us permission to ship on the nearest date possible.

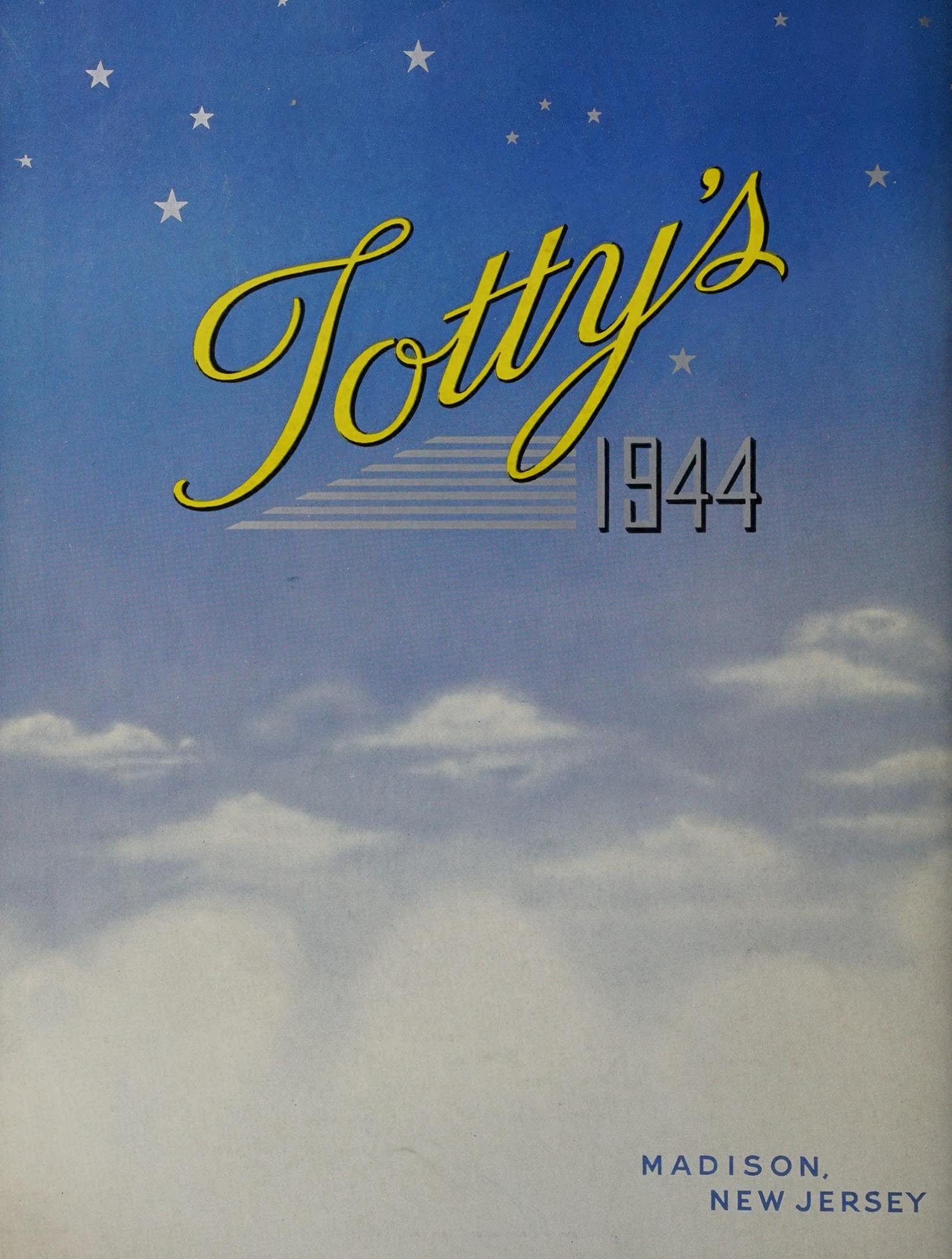
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PLEASE NOTE: It is not unusual for us to receive orders without any signature or identification mark attached. Customers who do not receive response to correspondence or orders within a reasonable time please write again, enclosing copy of letter or order so we may be able to trace same quickly.

Not less than three plants of one variety will be sold at the dozen rate, nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants embracing about thirty varieties at the hundred price. We will not send less than twenty-five of one variety at the hundred rate. It takes considerable time to select one hundred plants in twenty or thirty varieties and we must charge for the same accordingly.



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1944

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